S0830-2

ANNUAL PLANNING INFORMATION

CALIFORNIA

1983 - 1984

Prepared by:

Employment Development Department
Employment Data and Research Division
Labor Market Information Section
Economic Analysis Group

Health and Welfare Agency
State of California

EMPLOYMENT DATA AND RESEARCH DIVISION

The Employment Data and Research Division (ED&R) of California's Employment Development Department carries out a comprehensive labor market information program for California and its many labor market areas. In doing this, the Division acts as the agent for the U.S. Department of Labor in the collection and analysis of data necessary for the public Job Services program, focusing on the:

- the compilation and analysis of many employment data bases;
- publication of employment and training research findings; and
- performance of specially contracted studies for other organizations.

The major activities of ED&R include:

- developing monthly labor force, employment, and unemployment statistics for California, its counties, and selected cities;
- publishing career guidance material, covering several hundred occupations, for the State's high school and community college students;
- continually assessing local occupational training needs, as well as the local outlook for many, varied occupations; and
- projecting future employment needs, by industry and occupation, for California and its major labor market areas.

While the Division maintains a wide array of labor market information products in published form, there are many instances in which information must be specially developed or reformatted to meet the needs of specific users. The capabilities of ED&R's analysts and data processing facilities can be directed toward the development of data or the preparation of specialized reports under contract. For further information concerning the availability of contractual services at the local, county, or regional level, call the appropriate area labor market information office listed below.* For information regarding contractual sevices for statewide occupational data, contact Phil Hardiman, (916) 322-0538. For other statewide labor market data, call Werner Schink, (916) 322-0540.

Northern Area	Laverne Frith	(916) 322-5868
Coastal Area	Jim Neto	(916) 557-3132
Central Area	Ed Phillips	(916) 744-2531
Southern Area	Mike Caplis	(916) 744-2531

*see map, page 69

FOREWARD

The ANNUAL PLANNING INFORMATION report is prepared in cooperation with the U.S. Department of Labor, Employment and Training Administration. Portions of this report are funded from the State's special grant for manpower services under Title II of the Comprehensive Employment and Training Act (CETA).

This report is designed primarily to meet the informational goals of the Employment Security System by providing governmental agencies, CETA administrators, educators, and other interested organizations and persons, with analysis of recent changes in the labor market, short term outlook, and long term trends.

This report was prepared by Michael Pearson, Associate Research Economist, under the supervision of Gregory Jones, Manager, Forecasts and Industry Projections Unit.

TABLE OF CONTENTS

	PAGE
FOREWARD	i
TABLE OF CONTENTS	ii
LIST OF TABLES	iii
LIST OF GRAPHS	vii
LIST OF MAPS	ix
HIGHLIGHTS	1
AREA PROFILE	2
POPULATION	3
NATIONAL ECONOMY	7
CALIFORNIA ECONOMY	12
1982 Economic Trends	12
1983 - 1984 Labor Market Outlook	15
Industry Trends and Outlook	19
OCCUPATIONAL TRENDS AND OUTLOOK	29
TARGET GROUPS IN NEED OF EMPLOYMENT ASSISTANCE	39
Social and Economic Data Glossary	40
Statistical Tables	43
LABOR MARKET INFORMATION PRODUCTS, 1983	70
TECHNICAL APPENDIX	74
STATISTICAL APPENDIX	76
EXPLANATION OF TERMS AND CONCEPTS	132

LIST OF TABLES

PAGE

Table A: Total Population of California Counties with Annual Percent Change; Selected Years, 1980; 1981; and 1982 4

Table B: Seasonally Adjusted Labor Force, Employment, Unemployment and Unemployment Rate; California, 1982(I) - 1984(IV) 17

Table C: California Nonagricultural Wage and Salary Employment (By Industry) - Actual and Projected Annual Averages, 1980 - 1984 18

Table 1: Total Population by Age and Sex; California, April 1980 Census 43

Table 1A: Total Population by Race; California, April 1980 Census 44

Table 1B: Total Population - Race by Sex and Age; California, April 1980 Census 45

Table 1C: Total Population - Ethnic Origin by Sex and Age; California, April 1980 Census 46

Table 1D: Total Population by Persons of Hispanic and other (Than Hispanic) Origin; California, April 1980 Census 47

Table 1E: Total Population by Race/Hispanic Origin; California, April 1980 Census 48

Table 2A: Labor Force Status by Race and Sex; California, April 1980 Census 49

Table 2B: Labor Force Status by Ethnic Origin and Sex; California, April 1980 Census 50

Table 2C: Labor Force Status of Persons With Disabilities; California, April 1980 Census 51

Table 2D: School and Labor Force Status of Youth, 16 - 19 Years of Age; California, April 1980 Census 52

Table 3A: Public Assistance Recipients by Program; California, September 1980, 1981, and 1982 53

Table 3B: Aid to Families With Dependent Children (AFDC), Characteristics of Recipients 16 Years Old and Over; California, September 1980, 1981, and 1982 54

LIST OF TABLES (con't)

PAGE

Table 3C: Supplemental Security Income (SSI) Recipients by Program; California, December 1979, 1980, and 1981 55

Table 4A: Poverty Status by Race and Ethnic Origin; California, April 1980 Census 56

Table 4B: Ratio of Personal Income to Poverty Status; California, April 1980 Census 57

Table 4C: Families by Presence of Children and Poverty Status; California, April 1980 Census 58

Table 5A: Income by Households and Families; California, April 1980 Census 59

Table 5B: Family Income by Race and Ethnic Origin; California, April 1980 Census 60

Table 5C: Household Type and Presence of Children by Race and Ethnic Origin; California, April 1980 Census 61

Table 6: Years of School Completed by Race and Ethnic Origin of Persons 25 Years Old or Over; California, April 1980 Census 62

Table 7: Primary Language Spoken at Home and Ability to Speak English; California, April 1980 Census 63

Table 8: Veterans by Sex and Periods of Active Duty; California, April 1980 Census 64

Table 9A: Felons Newly Received from Superior Court by Sex; California, 1979 - 1981 65

Table 9B: Felons Paroled to California Supervision by Sex, 1979 - 1981 65

Table 9C: Felon Parole Population by Location of Supervising Parole Office; California, Fiscal Year 1981 - 1982 66

Table 10: Population of Persons Under Jurisdiction of Local Criminal Justice Agencies; California, 1979 - 1981 67

LIST OF TABLES (Con't)

PAGE

Table 11: Labor Market Information Reports (Matrix); California, 1983 71

Table 12: Unadjusted U.S. Labor Market Statistics, 1970 - 1982 77

Table 13: Seasonally Adjusted U.S. Labor Market Statistics, 1970 - 1982 81

Table 14: Monthly Seasonally Adjusted and Unadjusted California Labor Market Statistics, 1940 - 1983 85

Table 15: Annual Average California Labor Market Statistics, 1940 - 1982 97

Table 16: Estimated Number of Wage and Salary Workers in Nonagricultural Establishments (By Industry); California Annual Averages, 1972 - 1982 98

Table 17: Estimated Number of Wage and Salary Workers in Nonagricultural Establishments (By Industry); California Monthly Averages, 1982 102

Table 18: Nonagricultural Wage and Salary Employment (By Major Industry Group); California, 1939 - 1982 107

Table 19: Industry - Occupational Employment (Matrix) Summary; Californai, 1980 and 1985 108

Table 20: Percentage Distribution of Employment (By Industries Within Occupation); California, 1980 and 1985 109

Table 21: Percentage Distribution of Employment (By Occupations Within Industry); California, 1980 and 1985 110

Table 22: Detailed Occupational Employment, Current and Anticipated (By Industry Division); California, 1980 and 1985 111

Table 23: Job Opportunities From Industrial Change and Replacement Needs; California, 1980 and 1985 121

LIST OF TABLES (Con't)

PAGE

Table 24: Civilian Labor Force 16 Years and Over by Race/Ethnicity Within Occupation; California, 1980 Census 126

Table 25: Male Civilian Labor Force 16 Years and Over by Race/Ethnicity Within Occupation; California, 1980 Census 128

Table 26: Female Civilian Labor Force 16 Years and Over by Race/Ethnicity Within Occupation; California, 1980 Census 130

LIST OF GRAPHS

PAGE

Figure 1: Gross National Product, 1978 - 1982 7

Figure 2: Personal Consumption Expenditures and Disposable Personal Income, 1978 - 1982 8

Figure 3: Gross Private Domestic Investment & Change in Business Inventories, 1978 - 1982 9

Figure 4: Prime Interest Rate by Month - United States, 1980 - 1982 10

Figure 5: Consumer Price Index by Month - United States, 1980 - 1982 11

Figure 6: Comparison of Monthly Seasonally Adjusted Unemployment Rates - U.S. and California, 1981 and 1982 ... 12

Figure 7: Comparison of Employment Growth Rates of California and the United States (Excluding California) by Industry, 1981 - 1982 13

Figure 8: Comparison of Industry Mix, 1982 14

Figure 9: Total Wage and Salary Employment, 1972 - 1984 .. 19

Figure 10: Total Mining Employment, 1972 - 1984 20

Figure 11: Total Construction Employment, 1972 - 1984 21

Figure 12: Total Manufacturing Employment, 1972 - 1984 ... 22

Figure 13: Total Nondurable Goods Manufacturing Employment, 1972 - 1984 22

Figure 14: Total Durable Goods Manufacturing Employment, 1972 - 1984 22

Figure 15: Total Transportation and Public Utilities Employment, 1972 - 1984 23

Figure 16: Total Wholesale and Retail Trade Employment, 1972 - 1984 24

LIST OF GRAPHS (Con't)

PAGE

Figure 17: Total Wholesale Trade Employment, 1972 - 1984 24

Figure 18: Total Retail Trade Employment, 1972 - 1984 25

Figure 19: Total Finance, Insurance, and Real Estate Employment, 1972 - 1984 25

Figure 20: Total Services Employment, 1972 - 1984 26

Figure 21: Total Government Employment, 1972 - 1984 27

LIST OF MAPS

PAGE

Map 1: CETA Prime Sponsors and Balance of State 38

Map 2: Areas Served by Northern, Coastal, Central, and Southern California Labor Marker Information Sections 69

HIGHLIGHTS

The anticipated second quarter recovery of the State's economy never materialized during 1982 as California's labor markets remained mired in the national recession initiated in July of 1981. The following labor market conditions characterize California's 1982 economic performance:

The civilian labor force increased significantly by 381,000 or 3.2 percent above the 1981 average.

Civilian employment grew marginally by 44,000 or 0.4 percent above the 1981 average level.

The unemployment level averaged 1,211,000 for the year; 337,000 above the 1981 average which amounted to an increase of 38.6 percent.

The unemployment rate averaged 9.9 percent, up two and a half percentage points above the 7.4 percent average rate for 1981.

Total Nonagricultural Wage and Salary employment declined absolutely by 170,900 during 1982 which amounts to a 1.7 percent annual rate of decline.

It is anticipated that California's labor markets will begin to improve during the second half of 1983 due primarily to an expected resurgence in consumer spending. The recovery phase is expected to be slow and prolonged throughout the forecast period as indicated by the following anticipated labor market conditions:

On an annual average basis, the State's labor force is forecast to increase by 219,000 during 1983 and 367,000 during 1984.

Civilian employment in 1983 is forecast to average 11,073,000 or 96,000 above the 1982 average; during 1984, civilian employment is forecast to increase by 475,000 or 4.3 percent above the 1983 average.

For 1983, the unemployment rate is forecast to average 10.8 percent, falling to 9.6 percent in 1984 while the number of unemployed falls from 1,334,000 in 1983 to 1,226,000 in 1984.

It is anticipated that nonagricultural wage and salary employment will expand marginally during 1983 by one percent and average 9,926,000. In 1984 total wage and salary employment is expected to increase by 4.6 percent and average 10,385,000 as the State's labor markets show marked improvement.

AREA PROFILE

California has 158,693 square miles of area. On its west is the Pacific Ocean with a shoreline of over 1,200 miles. On the south border is Mexico, on the north, Oregon, and on the east are the states of Nevada and Arizona. Its width varies from 150 to 350 miles, with the medial line from north to south 780 miles long. California includes Mount Whitney, the highest peak in the contiguous United States, at 14,495 feet above sea level, and Death Valley, 282 feet below sea level, the lowest point in the Western Hemisphere. The airline distance between these two points is only 60 miles.

California has some 2,300 square miles of inland water. This includes mile-high Lake Tahoe on the California-Nevada border and the Salton Sea, located in the extreme southeastern part of California, in the heart of the desert, 241 feet below sea level. The state's major rivers are the Colorado, on the eastern border, and the Sacramento and San Joaquin, in the central valley. California has two natural landlocked harbors: San Francisco Bay (the largest landlocked harbor in the world), and San Diego Bay. The Port of Los Angeles is an artificially built harbor, protected by a breakwater. Farthest north is Humboldt Bay, a shipping point for lumber and base of a large fishing fleet.

Much of California's attraction and its economy is tied to the abundant equable sunshine and temperatures. Most of California has only two distinct seasons--mild, wet winters and relatively dry summers. Only the higher elevations experience four season weather. Due to California's ocean coast and its wide variation in altitude, many different climates exist. The average July maximum temperature ranges from 64 degrees in San Francisco to 107 degrees in Imperial County. Annual rainfall in the state varies from about 80 inches at Crescent City in the extreme north to about 10 inches at San Diego at the extreme south. In San Francisco, the annual average rainfall is about 22 inches; in Los Angeles, 16 inches. In general, rains occur from October to May. In the mountains and northern part of the state, it rains 60 to 100 days per year; in the southern desert region, there may be as few as 10 days of rain.

POPULATION

The estimated population of the state of California on July 1, 1982, was 24,724,000; this represents an increase of 1,056,630 or 4.5 percent above the April 1, 1980 census population. A year-over comparison indicates that the State's population has expanded by 512,000 or 2.1 percent above the July 1, 1981, population estimates.

As reported by the California Department of Finance, 52 percent of the the population increase between 1980 and 1982 was due to net in-migration; natural increase (i.e., excess of births over deaths) accounted for the remaining 48 percent.

Approximately 57 percent of the State's population resides in seven southern counties (i.e., Imperial; Los Angeles; Orange; Riverside; San Bernardino; San Diego; and Ventura). During the two year period between the 1980 Census and 1982, five of these southern counties increased by more than 50,000 people -- Los Angeles 224,000; San Diego 106,000; Orange 89,000; San Bernardino 76,000 and Riverside 56,000.

In northern California the largest population increase over this period was experienced in Sacramento County with 49,000 followed by Santa Clara with 37,000; Kern 33,000; Alameda 31,000; and San Joaquin 28,000. During the two year period since the release of the 1980 census population estimates, each county within California has experienced absolute population growth.

Table A

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH ANNUAL PERCENT CHANGE

AREA	TOTAL POPULATION				ANNUAL PERCENT CHANGE		
	1980 CENSUS	JULY 1980	JULY 1981	JULY 1982	1980/ 1982	1980/ 1981	1981/ 1982
CALIFORNIA	23,667,837	23,771,000	24,212,000	24,724,000	4.0	1.9	2.1
ALAMEDA	1,105,379	1,109,100	1,125,400	1,136,000	2.5	1.5	1.0
ALPINE	1,097	1,100	1,200	1,200	9.1	9.1	0.0
AMADOR	19,314	19,500	20,400	20,800	6.7	4.6	2.0
BUTTE	143,851	144,900	149,000	152,900	5.5	2.8	2.6
CALAVERAS	20,710	21,000	22,200	23,800	13.3	5.7	7.2
COLUSA	12,791	12,900	13,200	14,000	8.5	2.3	6.1
CONTRA COSTA	656,361	658,200	665,900	677,000	2.9	1.2	1.7
DEL NORTE	18,217	18,300	18,600	18,500	1.1	2.7	-1.6
EL DORADO	85,812	86,700	90,300	94,800	9.3	4.2	5.0
FRESNO	514,621	516,900	526,300	539,200	4.3	1.8	2.5
GLENN	21,350	21,500	22,000	22,200	3.3	2.3	0.9
HUMBOLDT	108,525	109,000	110,900	110,900	1.7	1.7	0.0
IMPERIAL	92,110	92,700	95,600	98,500	6.3	3.1	3.0
INYO	17,895	17,900	17,900	18,600	3.9	0.0	3.9
KERN	403,089	406,400	420,200	436,000	7.3	3.4	3.8
KINGS	73,738	74,200	76,200	78,000	5.1	2.7	2.4
LAKE	36,366	36,900	39,300	41,100	11.4	6.5	4.6
LASSEN	21,661	21,900	22,600	23,700	8.2	3.2	4.9
LOS ANGELES	7,477,421	7,490,400	7,552,700	7,701,400	2.8	0.8	2.0
MADERA	63,116	64,000	67,600	69,600	8.7	5.6	3.0
MARIN	222,568	222,800	224,100	223,700	0.4	0.6	-0.2
MARIPOSA	11,108	11,200	11,700	12,100	8.0	4.5	3.4
MENDOCINO	66,738	67,100	68,400	69,900	4.2	1.9	2.2
MERCED	134,558	135,600	140,100	143,700	6.0	3.3	2.6
MODOC	8,610	8,700	9,000	9,300	6.9	3.4	3.3
MONO	8,577	8,700	9,000	9,400	8.0	3.4	4.4
MONTEREY	290,444	292,000	298,700	305,100	4.5	2.3	2.1
NAPA	99,199	99,200	99,400	101,200	2.0	0.2	1.8
NEVADA	51,645	52,700	56,000	60,400	14.6	7.8	6.3
ORANGE	1,932,709	1,942,200	1,982,400	2,021,600	4.1	2.1	2.0
PLACER	117,247	118,400	122,900	126,900	7.2	3.8	3.3
PLUMAS	17,340	17,400	18,000	18,600	6.9	3.4	3.3
RIVERSIDE	663,199	668,900	693,500	719,400	7.5	3.7	3.7
SACRAMENTO	783,381	787,800	806,200	832,000	5.6	2.3	3.2
SAN BENITO	25,005	25,200	26,000	27,200	7.9	3.2	4.6
SAN BERNARDINO	895,016	903,100	936,500	971,100	7.5	3.7	3.7
SAN DIEGO	1,861,846	1,874,600	1,928,700	1,968,300	5.0	2.9	2.1

Table A

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH ANNUAL PERCENT CHANGE

AREA	TOTAL POPULATION				ANNUAL PERCENT CHANGE		
	1980 CENSUS	JULY 1980	JULY 1981	JULY 1982	1980/ 1982	1980/ 1981	1981/ 1982
SAN FRANCISCO	678,974	680,000	688,700	699,600	2.0	1.2	1.4
SAN JOAQUIN	347,342	350,200	362,200	375,000	7.1	3.4	3.5
SAN LUIS OBISPO	155,435	156,900	163,200	168,100	7.1	4.0	3.0
SAN MATEO	587,329	587,700	589,200	589,400	0.3	0.3	0.0
SANTA BARBARA	298,694	299,700	304,100	309,200	3.2	1.5	1.7
SANTA CLARA	1,295,071	1,299,100	1,316,900	1,331,600	2.5	1.4	1.1
SANTA CRUZ	188,141	189,400	194,300	198,100	4.6	2.6	2.0
SHASTA	115,715	116,000	121,200	122,500	4.9	3.8	1.1
SIERRA	3,073	3,100	3,100	3,300	6.5	0.0	6.5
SISKIYOU	39,732	40,000	41,100	41,600	4.0	2.7	1.2
SOLANO	235,203	237,300	246,000	254,600	7.3	3.7	3.5
SONOMA	299,681	301,500	309,100	314,700	4.4	2.5	1.8
STANISLAUS	265,900	267,900	276,100	282,100	5.3	3.1	2.2
SUTTER	52,246	52,600	53,900	55,500	5.5	2.5	3.0
TEHAMA	38,888	39,100	40,100	41,400	5.9	2.6	3.2
TRINITY	11,858	12,000	12,500	12,500	4.2	4.2	0.0
TULARE	245,738	247,500	255,000	259,300	4.8	3.0	1.7
TUOLUMNE	33,928	34,300	35,600	36,500	6.4	3.8	2.5
VENTURA	529,174	532,000	544,200	559,600	5.2	2.3	2.8
YOLO	113,374	114,000	116,500	119,700	5.0	2.2	2.7
YUBA	49,733	49,800	49,900	50,800	2.0	0.2	1.8

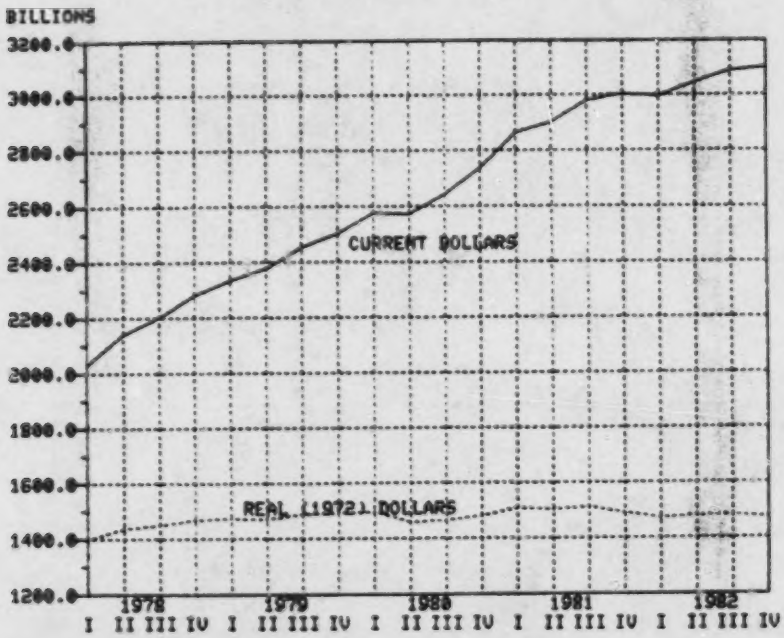
NATIONAL ECONOMY
&
CALIFORNIA ECONOMY

THE NATIONAL ECONOMY IN 1982

The nation's output of goods and services, as measured by the Gross National Product (GNP), advanced marginally in nominal terms during 1982, at an annual rate of approximately four percent. However, when adjusted for inflation, real GNP declined by 1.8 percent over the year. To put this into perspective, real GNP was virtually the same in the fourth quarter of 1982 as it was in the first quarter of 1979. The contraction of real GNP during the course of 1982 represented the largest year-to-year decline since the 1946-1947 return to a peace time economy. This contraction in the nation's output of goods and services exhibited during 1982 was only one of the many disappointments experienced during the course of the year.

FIGURE 1

GROSS NATIONAL PRODUCT



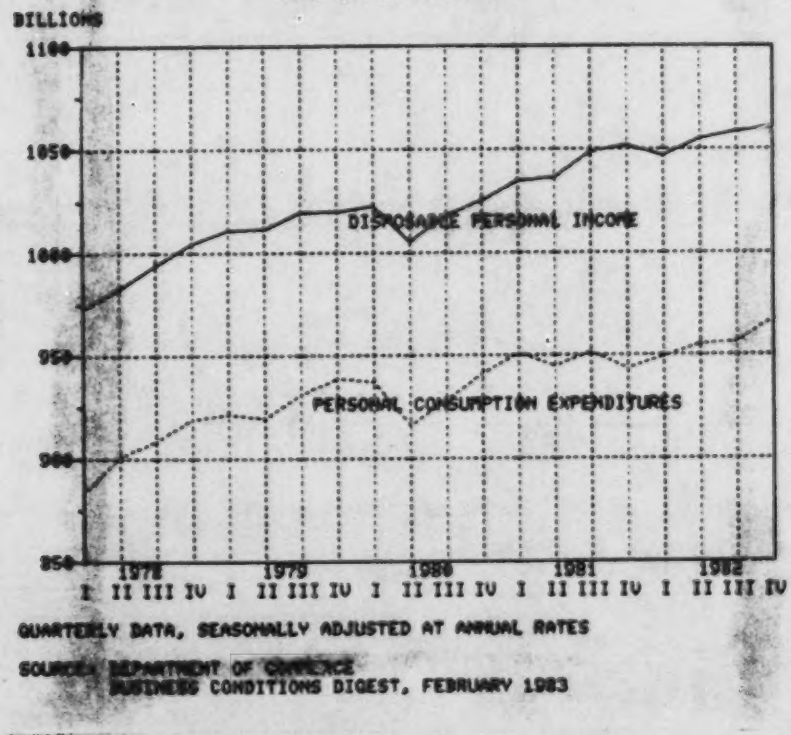
QUARTERLY DATA, SEASONALLY ADJUSTED AT ANNUAL RATES

SOURCE: DEPARTMENT OF COMMERCE
BUSINESS CONDITIONS DIGEST, FEBRUARY 1983

The consumer sector reflected the general climate of economic retrenchment during the year. Real consumption increased during 1982, but only half as fast as its 1981 performance (see figure 2). Real disposable income increased at a rate of 1.2 percent which was down from the 2.5 percent increase of 1981. The savings rate increased marginally during 1982 from 6.4 percent in 1981 to 6.6 percent in 1982. The general weakness in the consumer sector extended to all major areas of consumer spending, but was most pronounced among consumer durables. For example, retail auto sales declined by 5.9 percent during 1982 following a decline of 5.6 percent in 1981. Sensitivity to high interest rates and the tendency of consumers to postpone purchases of durables during periods of economic weakness contributed to weak demand in this sector. High levels of unemployment and its dampening effect on wages and salaries left interest payments and income transfers as the major sources of income gains; the net result of this was minimal growth in real disposable income as noted above. Slow income growth coupled with the failure of the July 1982 tax cut to have a significant expansionary impact on consumer spending contributed to continued economic weakness during the year.

FIGURE 2

PERSONAL CONSUMPTION EXPENDITURES
& DISPOSABLE PERSONAL INCOME
(1972 DOLLARS)



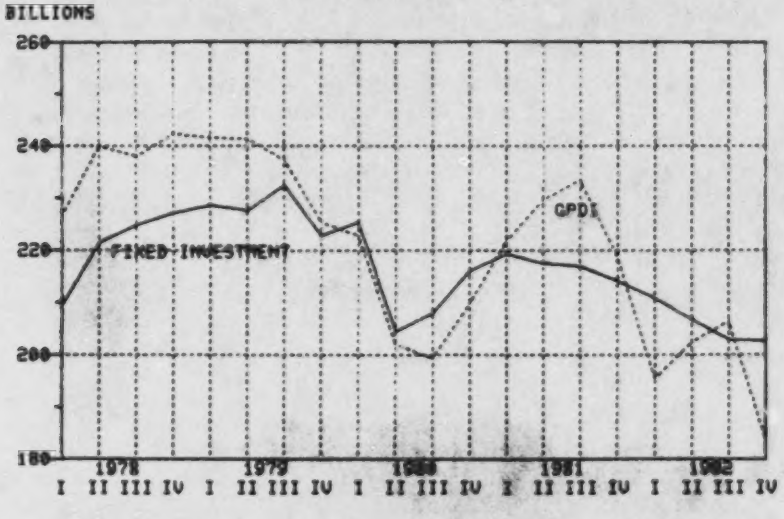
QUARTERLY DATA, SEASONALLY ADJUSTED AT ANNUAL RATES

SOURCE: DEPARTMENT OF COMMERCE
BUSINESS CONDITIONS DIGEST, FEBRUARY 1983

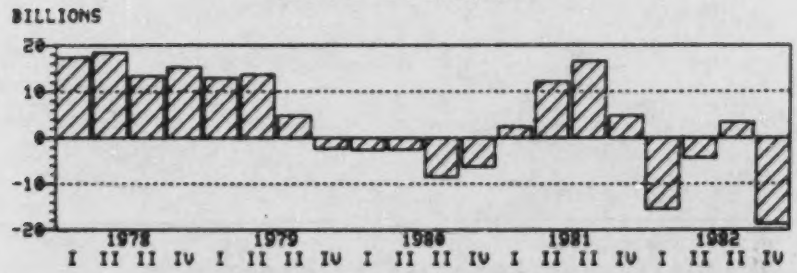
Expenditures by business on plant and equipment and inventories, as measured by Gross Private Domestic Investment (GPDI), continued to fall from levels reached during 1981. Real GPDI fell by 12.8 percent during 1982, more than erasing the gain turned in during 1981 (see Figure 3). Real Business Fixed Investment declined by 5.2 percent in 1982 as compared to a 1.7 percent increase during 1981. On an annualized quarterly basis, this component of business investment has fallen continuously since the first quarter of 1981. In addition to the high interest rates which characterized most of the year, the sharp fall-off in fixed investment spending can be attributed to the very low levels of capacity utilization. Industrial capacity utitlization rates declined in 1982 from an average of 78.4 percent in 1981 to 69.8 percent in 1982.

FIGURE 3

GROSS PRIVATE DOMESTIC INVESTMENT
(1972 DOLLARS)



CHANGE IN BUSINESS INVENTORIES
(1972 DOLLARS)



QUARTERLY DATA, SEASONALLY ADJUSTED AT ANNUAL RATES

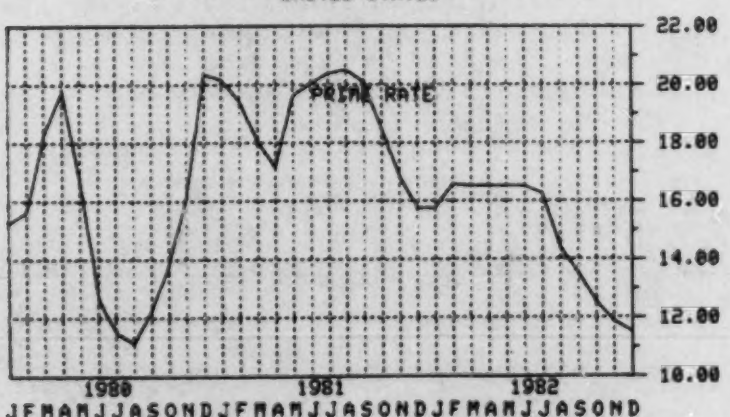
SOURCE: DEPARTMENT OF COMMERCE
BUSINESS CONDITIONS DIGEST, FEBRUARY 1983

The consequence of such poor resource utilization was a decline in the index of industrial production of over 8 percent. Weakness in the investment sector was also evident in the Housing industry. Housing starts declined by 2.4 percent during 1982 as a result of high mortgage rates and weak housing demand; housing permits also contracted in 1982 by 0.5 percent. Figure 3 also illustrates the significant liquidation of inventories which occured during 1982. Generally, inventory spending is the most volatile component of investment spending over the business cycle, as business's attempt to align stocks on hand with expected sales. During periods of economic recession, this leads to sharp reductions in inventories as business's cut back production in the face of declining product demand. In real terms, the annualized inventory reductions of $15.4 Billion and $18.7 Billion during the first and fourth quarters of 1982 were the largest declines since the series began in 1948.

There were, however, positive developments that emerged during the year. As noted above, persistently high interest rates, in part, accounted for the failure of the national economy to enter the recovery phase of the business cycle during 1982. As shown in Figure 4, the Prime Interest Rate, the rate charged by banks to their most credit worthy customers, remained at about 16.5 percent for the first seven months of the year before beginning to edge downward during the balance of the year. This, in part, reflected the course of monetary policy which has been dominated by attempts of the Federal Reserve to reduce the rate of inflation. During the first half of the year, the narrowly defined money supply (currency plus demand deposits, or M1) grew at an annualized rate of 4.8 percent. For the balance of the year, M1 grew at a rate of about 12 percent.

FIGURE 4

PRIME INTEREST RATE 1980-1982 BY MONTH
UNITED STATES

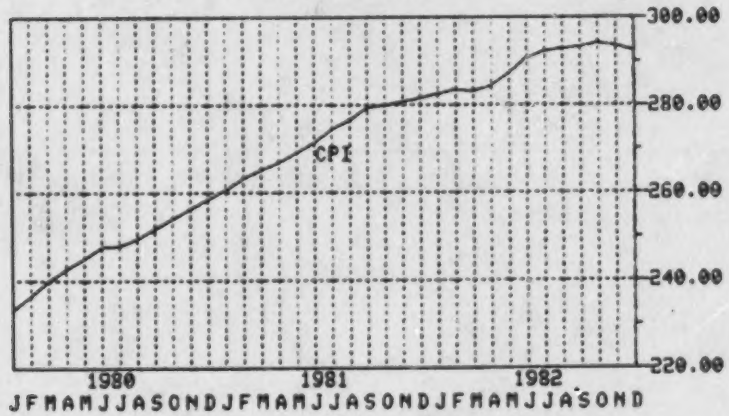


SOURCE: BUSINESS CONDITIONS DIGEST FEBRUARY 1983

Success in reducing inflation as measured by the Consumer Price Index is evident in Figure 5. For the year as a whole, the inflation rate declined to a yearly average of just over six percent in 1982 as compared to the 10.3 percent rise experienced during 1981. The combination of reduced inflation; acceleration in the growth of the money supply; and demand side factors accounted for the decline in the Prime rate during the second half of the year.

FIGURE 5

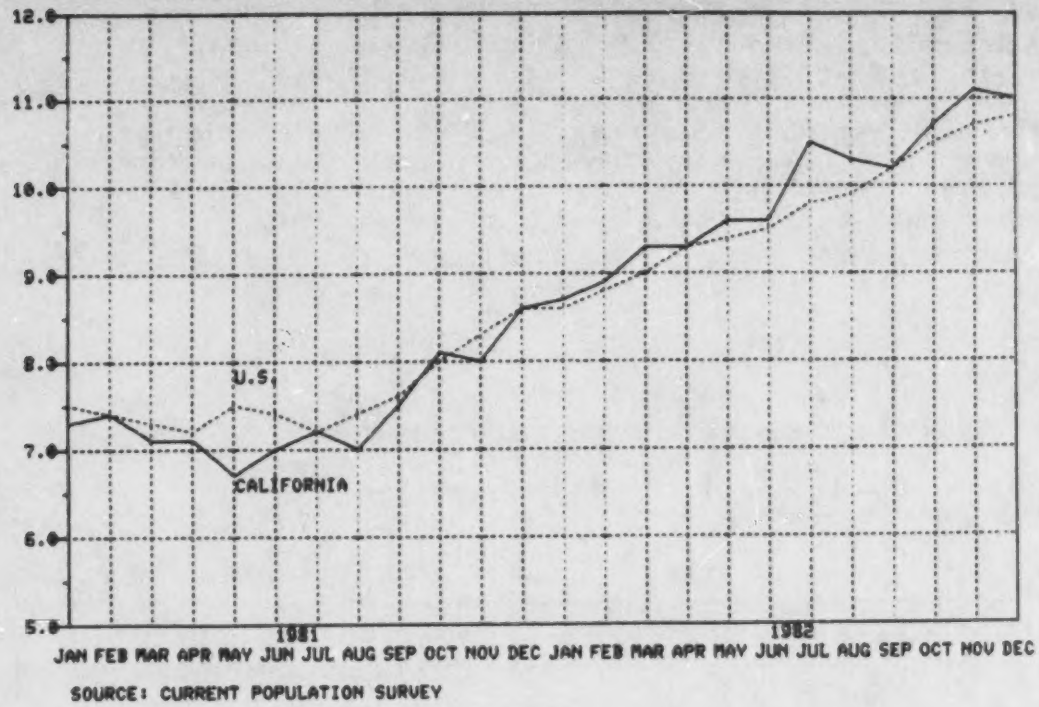
CONSUMER PRICE INDEX 1980-1982 BY MONTH
UNITED STATES



SOURCE: BUSINESS CONDITIONS DIGEST FEBRUARY 1983

The impact of economic recession on the nation's labor markets during 1982 was severe. For the year, the civilian labor force expanded by about 1.4 percent while civilian employment contracted by less than one percent. As a consequence, the unemployment level advanced by over 29 percent from the 1981 average. The unemployment rate increased by 2.1 percentage points over the year from a 7.6 percent average in 1981 to a 9.7 percent average in 1982; the highest monthly average during the course of 1982 was recorded in December when the rate averaged 10.8 percent -- the highest level since 1940 (see Figure 6). Every state, including the District of Columbia experienced an increase in annual average unemployment during 1982; 15 states had unemployment rates over 10 percent. For the nation as a whole, an average of 10.7 million individuals were unemployed during 1982, up from an average of 8.3 million for 1981.

FIGURE 6
UNITED STATES
COMPARISON OF SEASONALLY ADJUSTED UNEMPLOYMENT RATES



SOURCE: CURRENT POPULATION SURVEY

THE CALIFORNIA ECONOMY IN 1982

The anticipated recovery of the State's economy from the recession initiated in July of 1981 never materialized during 1982 as California's labor markets continued to exhibit marked weakness. During 1982, there was significant growth in the civilian labor force at a rate of 3.2 percent which was accompanied by a marginal rise in civilian employment of 44,000 persons or 0.4 percent. This lackluster growth in the employment level resulted in a substantial increase in unemployment during the year. On an annual annual average basis, unemployment increased by 337,000 during 1982, averaging 1,211,000 for the year. Similarly, the State's unemployment rate increased from 7.4 percent in 1981 to 9.9 percent in 1982 on an annual average basis.

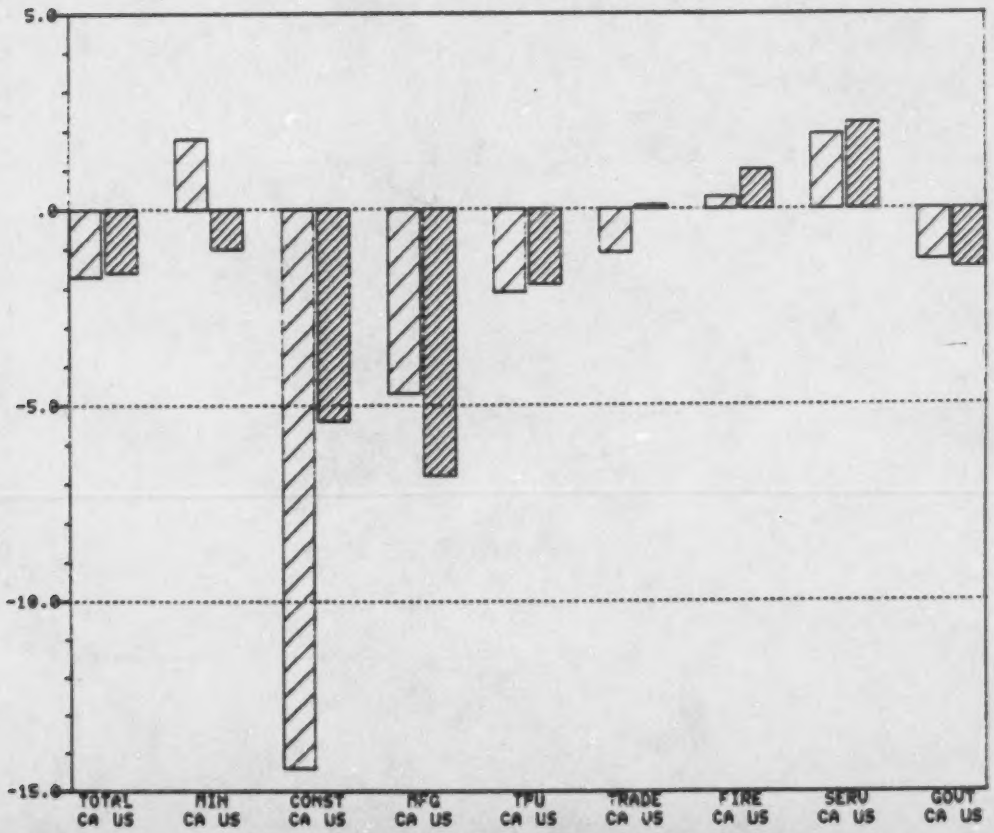
Stagnation in the California economy was further evidenced by the absolute decline of wage and salary employment during 1982. Wage and salary employment decreased by 170,900 during 1982 which amounts to an annual rate of decline of 1.7 percent. 1982 represents the first time that wage and salary employment has declined absolutely in the course of our ten year historical series. Five sectors of the economy (i.e., Manufacturing; Construction; Trade; Government; and, Transportation and Public Utilities) registered absolute employment losses in 1982; the Manufacturing and Construction industries contributed the largest portions of the decline by accounting for 43.4 percent and 28.4 percent of the absolute employment losses, respectively.

Construction employment in California declined by 61,600 jobs during 1982 due to pervasive weakness in the industry. As a consequence of high mortage rates and weak housing demand, building permits fell by 19.9 percent; total permits numbered 84,018 in 1982 as compared to 104,900 permits for 1981. The only area of significant growth exhibited during 1982 was registered by the Services sector which added 43,000 jobs to the State's economy; this sector accounted for 93.3 percent of the negligible job growth in wage and salary employment during 1982.

Figure 7 provides a comparison of wage an salary employment developments between California and the balance of the nation. As indicated, the decline in total jobs was slightly higher than that for the balance of the nation. The disparity in performance was most pronounced in the Construction industry with construction jobs in California falling by 14.4 percent as compared to the 5.4 percent decline in the rest of the country. Figure 8 highlights differences in the industrial distribution of jobs between California and the balance of the nation. As shown, jobs in California are more oriented toward service producing industries (i.e. Trade; Services; Transportation, Communications, and Utilities; Finance, Insurance, and Real Estate; and Government) as compared to the balance of the nation as a whole.

FIGURE 7

COMPARISON OF 1981-82 EMPLOYMENT GROWTH RATES
OF CALIFORNIA AND THE UNITED STATES(EXCL. CALIF.)
BY INDUSTRY

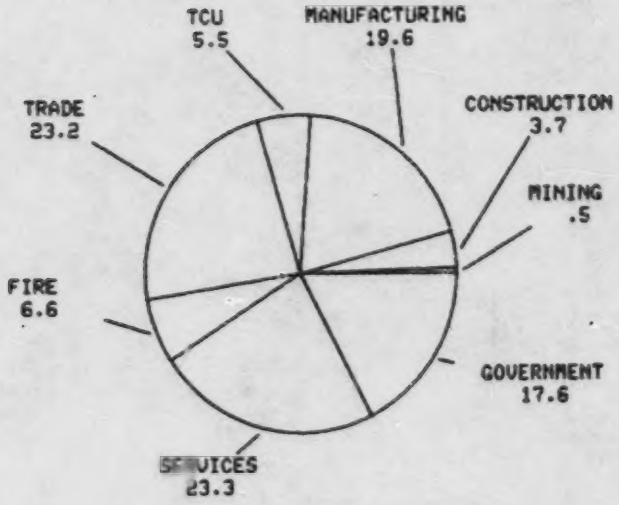


SOURCES: EMPLOYMENT DEVELOPMENT DEPARTMENT /EMPLOYMENT DATA & RESEARCH
BUREAU OF LABOR STATISTICS,EMPLOYMENT AND EARNINGS, JANUARY 1983

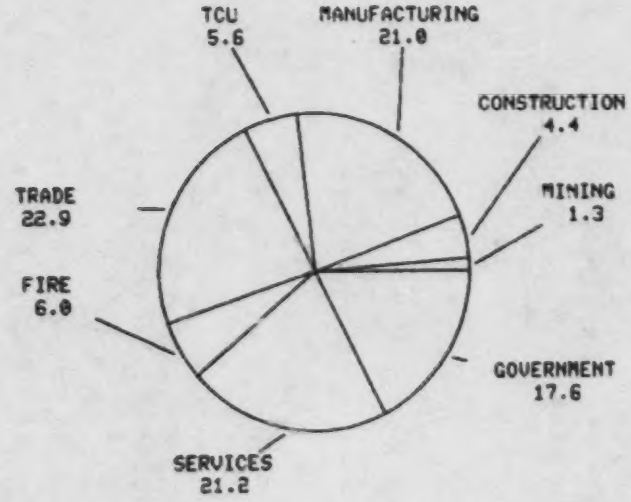
FIGURE 8

COMPARISON OF INDUSTRY MIX
1982
PERCENTAGE OF TOTAL NONAGRICULTURAL EMPLOYMENT

CALIFORNIA



U.S. EXCLUDING CALIFORNIA



SOURCE: EMPLOYMENT DEVELOPMENT DEPARTMENT, ED&R
BUREAU OF LABOR STATISTICS, EMPLOYMENT & EARNINGS, JANUARY 1983

Based on preliminary estimates, personal income in California totaled $311 billion for 1982 which represents an increase of 7.8 percent over 1981. When adjusted for inflation, the real gain amounts to 0.9 percent. The State's consumer price index increased by 6.9 percent in 1982 which was down from the 8.7 percent recorded in 1981.

1983-1984 LABOR MARKET OUTLOOK

The economic outlook continues to remain problematic. However, as we progress into the first quarter of 1983, recent economic developments indicate that the national economy is poised to begin the long climb back to recovery:

1. The U.S. Department of Commerce has estimated that the Gross National Product is expanding at a four percent rate in the current quarter after adjustment for inflation.

2. Consumer prices have declined at a rate of 0.2 percent in February. The U.S. Department of Commerce further indicated that inflation is increasing at an annual rate of only 2.4 percent.

3. Sales of new single family homes climbed to a seasonally adjusted rate of 576,000 in January -- the highest increase in 28 months.

4. Housing starts surged by 35.9 percent in January to an annual rate of 1.72 million.

5. Average interest rates on new home mortgages slid to 13.59 percent in February -- the seventh monthly decline in a row.

6. In January, industrial production rose 0.9 percent above the December level.

7. In February, U.S. factories operated at an adjusted 68.5 percent of capacity up from the 67.8 percent reported in January.

8. January's index of leading economic indicators soared by 3.6 percent -- the largest monthly rise in 33 years.

Other positive factors include an expected resurgence in consumer spending particularly in the second half as the ten percent personal income tax cut is scheduled to begin on July 1, 1983. Additionally, the unliklihood of oil shortages coupled with a boost in defense spending, which is anticipated to increase in real terms during 1983, should act to support the recovery.

At best, the anticipated recovery of the national economy beginning in 1983 and continuing through 1984 is expected to be slow and prolonged, especially in terms of lagging unemployment. This is due to the tendency of employers to increase hours during the initial stages of a recovery period as a response to increased product demand. Only after employers perceive the recovery phase to be well in place do they tend to institute significant recalls of laid off workers. In part, as a consequence of these tendencies, the level of unemployment often continues to rise for several months even though the trough of a recession has been apparently reached.

Anticipated developments in the State's Civilian Labor Force, Employment, Unemployment, and Wage and Salary Employment during 1983 and 1984 are presented below:

CALIFORNIA CIVILIAN LABOR FORCE

In anticipation of improved labor market conditions, the civilian labor force is expected to accelerate moderately during the second half of 1983. On an annual average basis, the State's labor force is forecast to expand by 219,000 in 1983 which represents a 1.8 percent rate of growth above the 1982 average. In the following year, the civilian labor force is forecast to expand by 3.0 percent averaging 12,774,000 during 1984.

CALIFORNIA CIVILIAN EMPLOYMENT

A restoration of growth in civilian employment is expected in the second quarter of 1983 and is projected to continue through the succeeding six quarters into 1984. The inability of the State's economy to generate a sufficient number of jobs to accomodate the sizable growth in the State's civilian labor force has been greatly compounded by the current recession. A look at the average level of total employment in the State during 1981, compared with that expected for 1983 shows that employment will have grown by only 1.3 percent and added 140,000 jobs during the two year period. The civilian labor force on-the-other-hand will have expanded by about 600,000 persons at a 5.1 percent rate.

On an annual average basis, civilian employment is forecast to grow by 0.9 percent during 1983 and average 11,073,000. In 1984, civilian employment is expected to average 11,548,000 which represents a 4.3 percent increase above the projected 1983 annual average.

CALIFORNIA CIVILIAN UNEMPLOYMENT

Both the level and rate of civilian unemployment are expected to peak in the second quarter of 1983; we anticipate that the unemployment rate will average 10.9

Table B

LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT:
CALIFORNIA 1982 (I) - 1984 (IV) SEASONALLY ADJUSTED
IN THOUSANDS

	1982				1983				1984			
QUARTER:	I	II	III	IV	I	II(F)	III(F)	IV(F)	I(F)	II(F)	III(F)	IV(F)
LABOR FORCE	12,016	12,169	12,269	12,301	12,247	12,347	12,457	12,577	12,649	12,729	12,819	12,899
EMPLOYMENT	10,939	11,013	11,000	10,958	10,909	11,001	11,124	11,256	11,346	11,482	11,614	11,751
UNEMPLOYMENT	1,077	1,156	1,269	1,343	1,338	1,346	1,333	1,321	1,303	1,247	1,205	1,148
RATE	9.0	9.5	10.3	10.9	10.9	10.9	10.7	10.5	10.3	9.8	9.4	8.9

ANNUAL AVERAGE:		CHANGE	PERCENT CHANGE		CHANGE	PERCENT CHANGE		CHANGE	PERCENT CHANGE
LABOR FORCE	12,188	381	3.2	12,407	219	1.8	12,774	367	3.0
EMPLOYMENT	10,977	44	0.4	11,073	96	0.9	11,548	475	4.3
UNEMPLOYMENT	1,211	337	38.6	1,334	123	10.1	1,226	-108	-8.1
RATE	9.9			10.8			9.6		

SOURCE: EMPLOYMENT DEVELOPMENT DEPARTMENT
EMPLOYMENT DATA AND RESEARCH DIVISION
ECONOMIC ANALYSIS GROUP

NOTE: F = FORECAST
ROMAN NUMERALS REFER TO QUARTERS

Table C

California Nonagricultural Wage and Salary Employment Forecast for 1983 and 1984
Annual Averages in Thousands

Industry	1980	1981	1982	1983(F)	1984(F)	Change 82/83	Change 83/84	Percent Change 82/83	Percent Change 83/84
Total Nonag Employment	9852.4	9996.3	9825.4	9926	10385	100.6	459	1.0	4.6
Mining	43.5	49.2	50.1	50	52	-0.1	2	-0.2	4.0
Construction	444.8	427.7	366.1	367	395	0.9	28	0.2	7.6
Manufacturing	2007.8	2022.7	1928.4	1918	2042	-10.4	124	-0.5	6.5
Nondurable Goods	637.9	647.2	623.2	624	645	0.8	21	0.1	3.4
Durable Goods	1369.9	1375.5	1305.3	1294	1397	-11.3	103	-0.9	8.0
Transportation & Pub Utlty	546.3	554.8	543.0	543	573	0.0	30	0.0	5.5
Wholesale & Retail Trade	2266.8	2301.5	2275.4	2303	2405	27.6	102	1.2	4.4
Wholesale Trade	583.7	590.6	582.4	583	611	0.6	28	0.1	4.8
Retail Trade	1683.2	1710.9	1693.0	1720	1794	27.0	74	1.6	4.3
Finance Ins & Real Estate	623.1	642.9	645.1	659	695	13.9	36	2.2	5.5
Services	2156.2	2241.0	2284.0	2358	2490	74.0	132	3.2	5.6
Government	1763.9	1756.5	1733.2	1728	1733	-5.2	5	-0.3	0.3

Source: Employment Development Department
Employment Data and Research Division
Economic Analysis Group

Note: (F) = Forecast

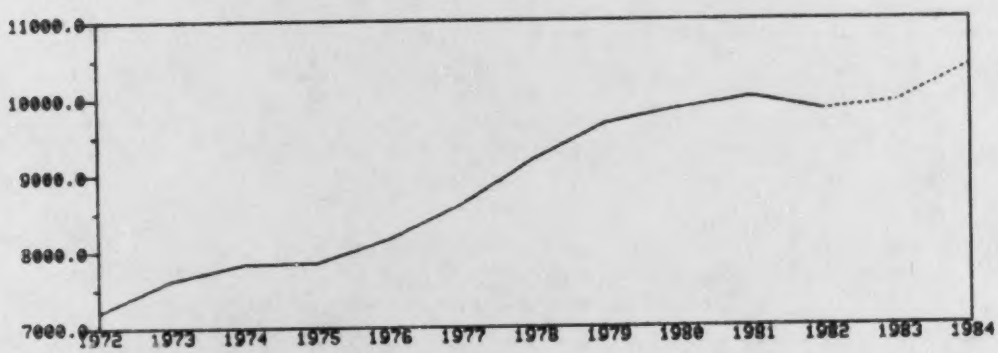
percent while the number of unemployed individuals is expected to average 1,346,000. The unemployment rate is forecast to decline during the third quarter of 1983 to 10.7 percent and is anticipated to gradually decline to 8.9 percent in the fourth quarter of 1984. The number of unemployed is expected to average 1,334,000 in 1983 and is anticipated to decline to an average of 1,226,000 in 1984.

CALIFORNIA NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

The number of nonagricultural wage and salary jobs is expected to expand marginally during 1983. Wage and salary employment is forecast to increase by one percent in 1983, averaging 9,926,000 for the year. Improved economic conditions are anticipated during the course of 1984 as total wage and salary employment is expected to grow by 4.6 percent on an annual average basis and add 459,000 jobs to the State's economy; wage and salary employment is expected to average 10,385,000 in 1984.

FIGURE 9

TOTAL



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

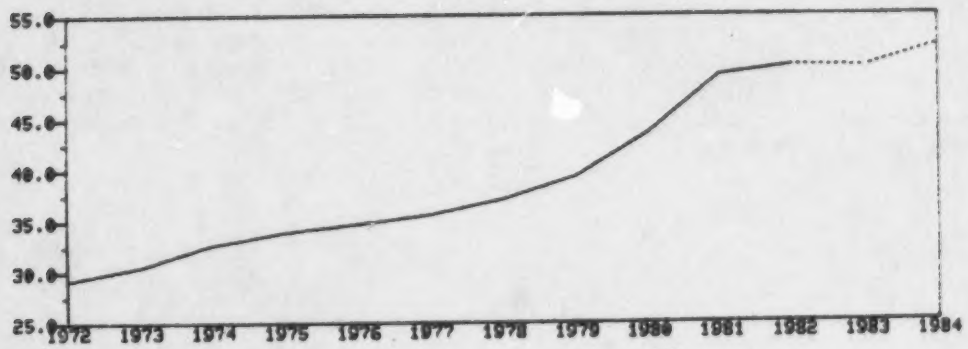
MINING

The Mining industry was one of three industrial sectors that experienced absolute growth during 1982 as it increased by 900 jobs. This sector has been expanding gradually since 1972 at an annual rate of 7.2 percent. During 1983, the employment level in this sector is anticipated to average 50,000. Although this average represents a year-over decline of 100 jobs in the industry, it should not be interpretated as meaning that growth is not expected during 1983. On a quaterly basis, the level of employment in mining began to decline during the second quarter of 1982 and the trend continued through the succeeding two quarters of the year. Though it is expected that the sector will

recover some of the ground lost during the latter stages of 1982, the employment growth will not be substantial enough to register absolute job growth during 1983 on an annual average basis. During 1984, employment in the mining industry is anticipated to expand at an annual rate of four percent and add 2,000 jobs above the forecasted 1983 annual average.

FIGURE 10

MINING



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

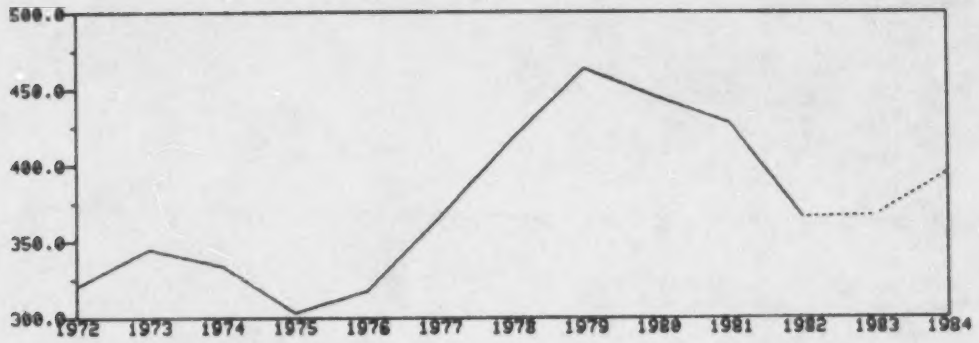
CONSTRUCTION

Employment in the Construction industry has been on the downturn since 1980. During 1982 the sector declined by 61,600 jobs at a rate 14.4 percent. Since 1979, the industry has contracted absolutely by 97,200 jobs at a rate of 21 percent. As evidence of the sector's poor performance recently, the average level of contruction employment recorded in 1982 equals the industry's average employment level attained in 1977.

It is anticipated that the Construction industry will experience employment growth during the course of 1983 while at the same time showing only marginal growth on an annual average basis. This is due to the sharp decline in employment in this sector which occurred during 1982 and the subsequent low starting point from which growth is anticipated to proceed. During 1983, Construction employment is expected to average 367,000 as compared to the 1982 average of 366,100. Significant growth is anticipated in 1984 as the industry is expected to expand by 6.4 percent and add 28,000 jobs. The growth anticipated in 1984 will bring total construction employment to approximately the level attained during 1978.

FIGURE 11

CONSTRUCTION



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

MANUFACTURING

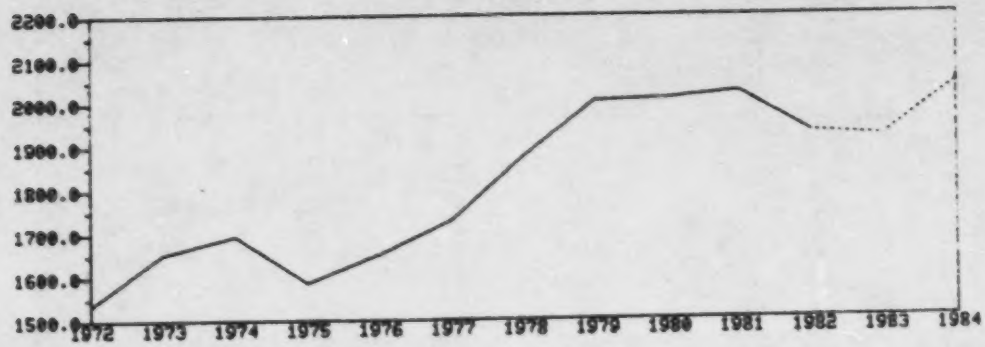
The decline in Manufacturing employment during 1982 approached the the industry's employment loss experienced during 1975; in 1982 the sector declined by 94,300 jobs as compared to the loss of 107,200 positions in 1975. Both periods represent the only years that this industry has declined absolutely during the course of our ten year historical series. The sector's employment retrenched dramatically during the year as the level of employment averaged in 1982 was below the annual average recorded in 1979. The nondurable goods component of this sector delined by 24,000 positions during 1982; its durable goods counterpart declined by 70,200.

Employment growth is expected to return to this sector during 1983 but not at a pace sufficient to result in growth on an annual average basis.

Manufacturing employment is expected to decline by 0.5 percent on an annual average basis during 1983, averaging 1,918,000 for the year. In 1984, this sector is anticipated to accelerate and expand by 124,000 jobs. Both the nondurable and durable goods components are expected to follow this general trend into 1983 and 1984. On an annual average basis, the nondurable goods sector is expected to increase marginally during 1983 by 800 jobs, or .1 percent while expanding by 21,000 jobs in 1984. Durable goods employment is expected to average 1,294,000 during 1983 and is forecast to add 103,000 jobs in 1984.

FIGURE 12

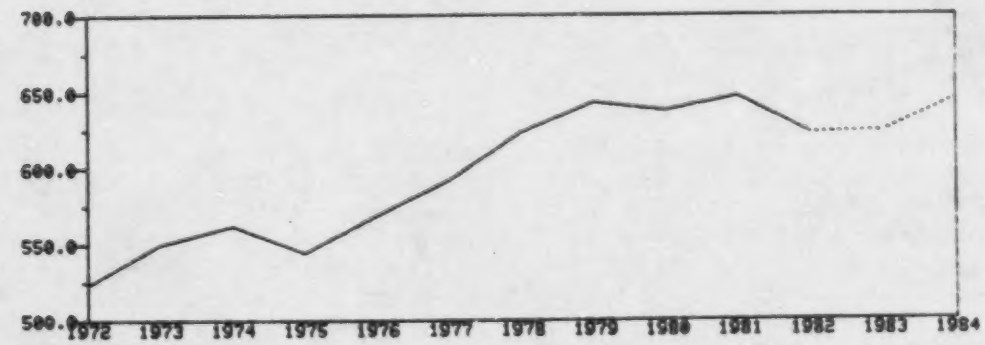
MANUFACTURING



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

FIGURE 13

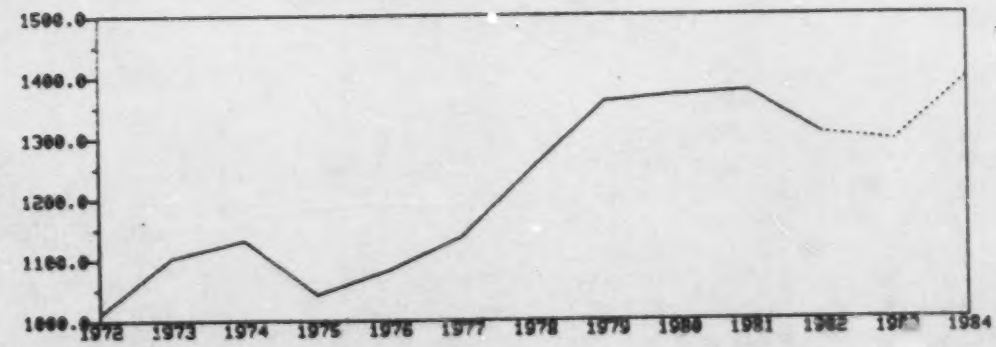
NONDURABLE GOODS MANUFACTURING



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

FIGURE 14

DURABLE GOODS MANUFACTURING



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

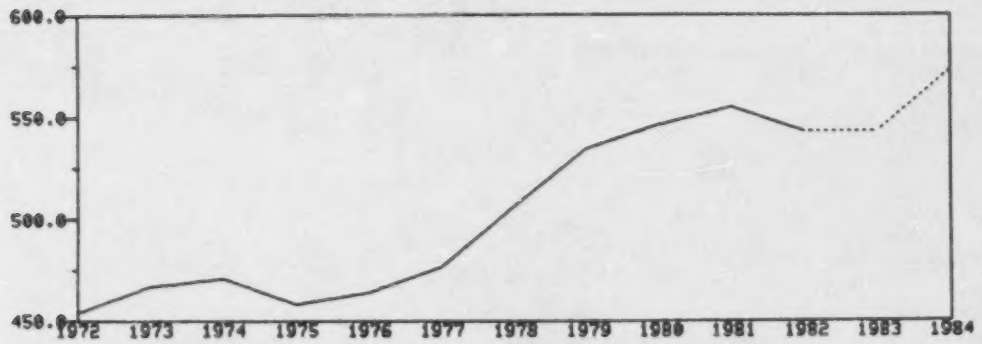
TRANSPORTATION AND PUBLIC UTILITIES

The employment decline in the Transportation and Public Utilities sector nearly equalled the employment decline experienced during 1975; in 1982 the sector declined by 11,800 jobs as compared to the 12,600 decline in 1975. Both periods represent the only years that this industry has experienced absolute declines in employment during the course of our ten year historical series. The average level of employment in 1982 is below the average recorded in 1980.

Employment in the Transportation and Public Utilities industry is expected to remain static in 1983 as the sector remains at the 1982 level of average employment. In contrast, 1984 is anticipated to be a year of robust growth for this sector; the industry is forecast to grow by 30,000 jobs which represents a 5.5 percent rate of growth above the 1983 annual average.

FIGURE 15

TRANSPORTATION AND PUBLIC UTILITIES



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

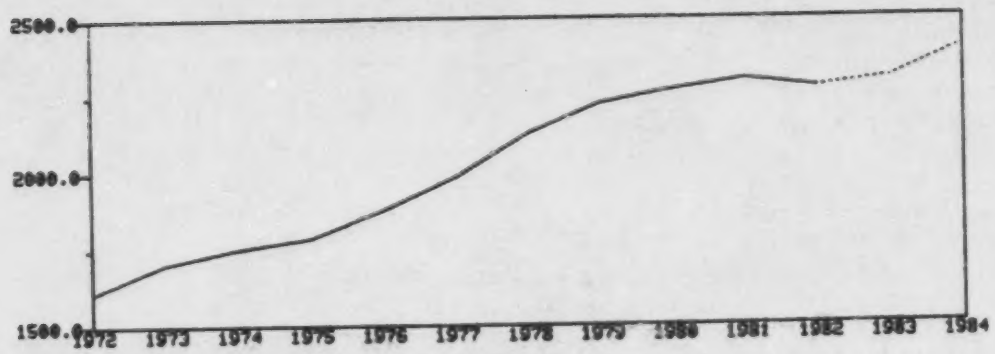
TRADE

In 1982 the Trade sector experienced its only absolute employment decline during the course of our ten year historical series; this was also the case for the retail and wholesale components of the sector. The sector declined by 26,100 jobs during 1982. The retail component of the sector accounted for the larger portion of the decline; it lost 17,900 jobs which amounted to approximately 69 percent of the total employment decline in the sector. Wholesale trade declined at a rate of 1.4 percent which represents a loss of 8,200 jobs.

The Trade sector will add 27,600 and 107,000 jobs in 1983 and 1984, respectively. The Wholesale component is expected to grow by 600 jobs in 1983 and is anticipated to expanded at a 4.8 percent rate in 1984 representing the addition of 28,000 jobs. Retail trade will expand by 1.6 percent and 4.3 percent in 1983 and 1984, respectively; this amounts to the addition of 27,000 jobs in 1983 and 74,000 jobs in 1984.

FIGURE 16

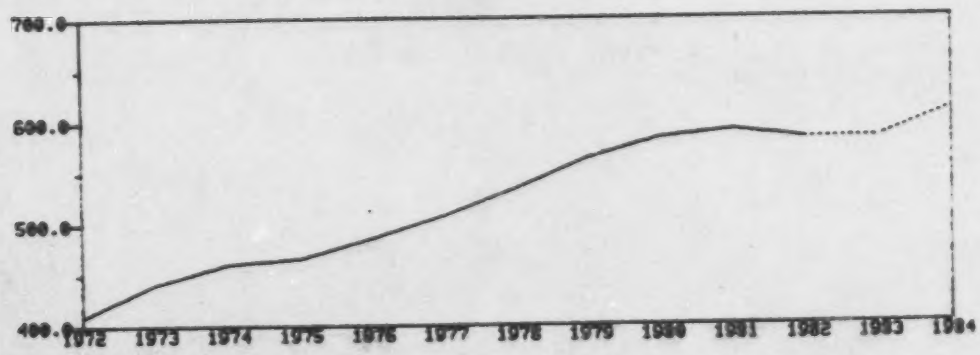
WHOLESALE AND RETAIL TRADE



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

FIGURE 17

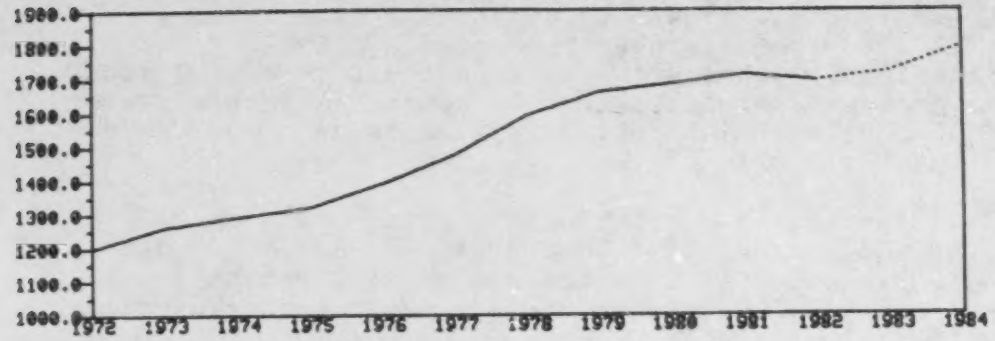
WHOLESALE TRADE



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

FIGURE 18

RETAIL TRADE



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

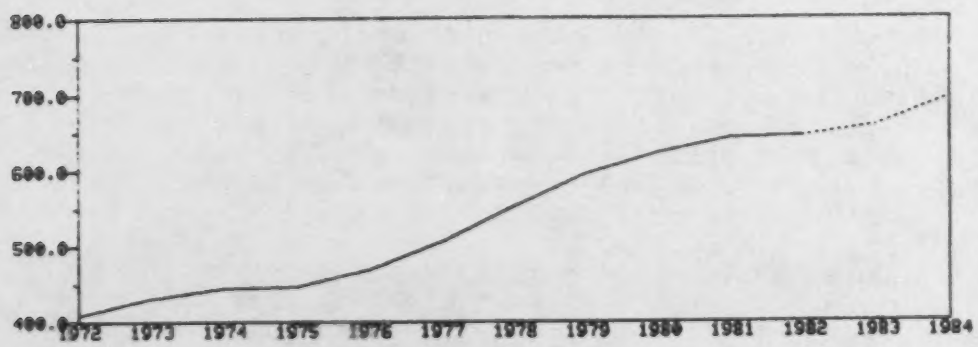
FINANCE, INSURANCE, AND REAl ESTATE

During 1982 the Finance, Insurance, and Real Estate sector did not experience a robust year of growth in employment, however it did record absolute growth unlike five of its industrial counterparts. This industry group added 2,200 jobs in 1982 which amounts to a 0.3 percent annual rate of growth. The year 1975 represents the only period in which this sector recorded a smaller absolute employment gain during the course of our ten year historical series; in 1975 this industry group expanded by 1,600 jobs.

The outlook for 1983 is more encouraging as this sector is expected to expand by 13,900 jobs. It will continue to expand through 1984 at a rate of 5.5 percent and add 36,000 jobs.

FIGURE 19

FINANCE, INSURANCE, AND REAL ESTATE



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

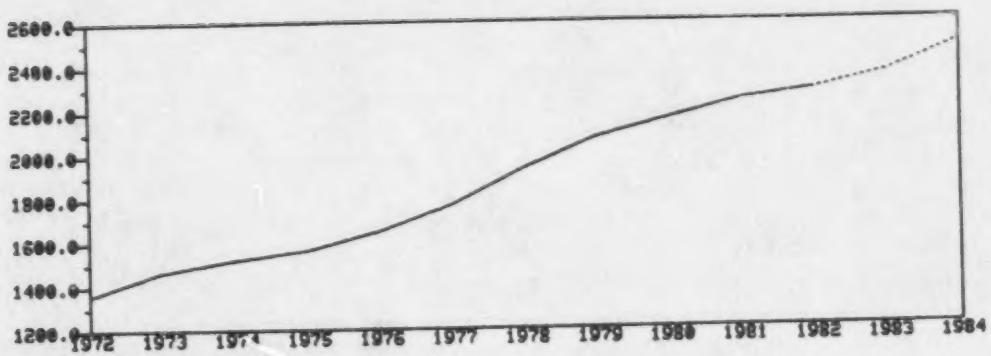
SERVICES

The Services sector recorded it smallest employment gain since 1975; in 1975 the industry expanded by 41,600 jobs. Despite this minimal growth by historical standards, this sector recorded the only neglible growth in 1982. Since 1972, this industry has grown by an average of 92,500 jobs per year at a 6.8 percent rate. In comparison, this sector added 43,000 jobs in 1982 which represents an annual rate of growth of 1.9 percent.

It is anticipated that in 1983 the Services related industries will expand by 3.2 percent and add 74,000 jobs. In 1984, it is expected that the sector will get back on track and add 132,000 jobs which represents a year-over rate of growth of 5.6 percent.

FIGURE 20

SERVICES



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

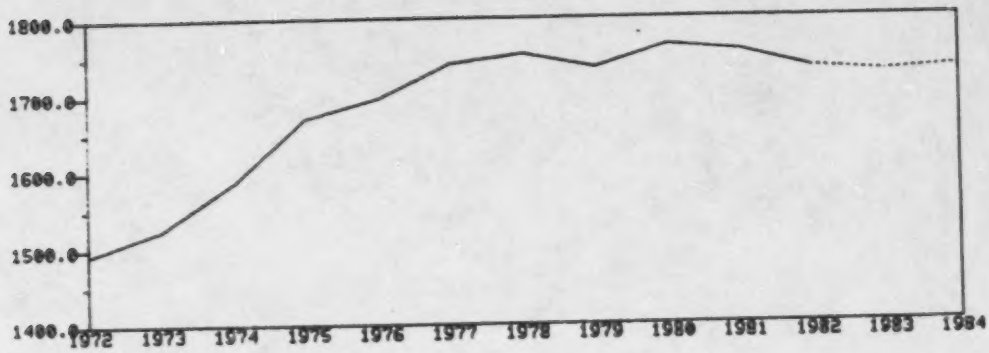
GOVERNMENT

Employment in the Government sector declined by 23,300 jobs in 1982; in fact, 1982 represented the second year in a row of decline for this sector. Government employment has declined in at least three of the last four years and is anticipated to continue to contract through 1983. In the four year period since 1978, government employment has declined absolutely by 19,900 jobs.

In 1983 government employment is expected to decline by an additional 5,200 jobs. In the succeeding year, the sector is anticipated to grow by 0.3 percent and add 500 jobs.

FIGURE 21

GOVERNMENT



HISTORICAL SERIES AND 1983-84 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

OCCUPATIONAL TRENDS AND OUTLOOK

OCCUPATIONAL OUTLOOK FOR 1983

Though the recovery of the State economy is expected to be slow and prolonged, the civilian labor force is expected to grow moderately during the second half of 1983. On an annual average basis, the State's employment is expected to expand at 0.9 percent above the 1982 average. In the following year, the civilian employment is forecast to expand by 4.3 percent leading to additional openings for workers who are currently unemployed.

Several sectors of the State economy have experienced declines in employment during 1982, including manufacturing, construction, trade, government, transportation and public utilities. Services was the only sector to register job growth in 1982. Historically, the services occupations which include fields such as food services, security services, personal services, business services, health services, insurance and financial services and legal services have been the most secure occupations during recessionary cycles of the economy.

In addition to these traditionally safe fields, there are a few new or emerging fields that have been enjoying relatively strong growth in spite of conditions in the economy at large. Engineers, analysts, and technicians continue to be in demand, particularly in electronics and communicatons. The computer industry continues to provide additional opportunities for skilled programmers, systems analysts and engineers with experience on specific types and models of equipment.

In manufacturing, the most promising sector appears to be aerospace-related manufacturing industries, which should begin to stabilize over the next few months. The awarding of major military contracts to California firms will cause several contractors to begin hiring workers.

OCCUPATIONS OF INTEREST

The occupations discussed below were selected using the PROJECTIONS OF EMPLOYMENT, 1980-1985 report for California. Occupations were chosen which are projected to have large numbers of employment opportunities and/or a rapid growth in employment over the next few years. In addition, occupations were chosen which display the wide diversity of employment in the State. More information on these occupations and others in California can be obtained from the California Occupational Guides or by contacting Employment Data and Research. The outlook assessments for selected occupations contained herein are useful not only for career decision making but also for planning and evaluating vocational training programs. (For more information on the use of this type of information in planning training programs, refer to HOW TO DEVELOP AND USE LABOR MARKET INFORMATION IN LOCAL OCCUPATIONAL PROGRAM PLANNING, California Occupational Information Coordinating Committee, 1982.)

When evaluating occupations for potential training programs, it is important to remember that estimates of future employment represent an intersection between the supply of and demand for workers. Many components comprise supply and demand, any of which can change and affect the employment situation for a particular occupation. These factors include technology, wages, training availability, occupational transfers, turnover, in- and out-migration, promotional ladders, and consumer preferences, among others. These factors must be considered when determining the need for an occupational training program. With this in mind, an assessment of the interaction between supply and demand for the following occupations can be found in the outlook section for each:

- Cooks
- Guards
- Waiters and Waitresses
- Legal Secretaries
- Accountants
- Lawyers
- Licensed Vocational Nurses
- Real-Estate Agents
- Radio and TV Repairers
- Computer Programmers

COOKS

Job Description

All-around cooks are skilled in all phases of the culinary arts and can prepare any item on the menu of a full-service restaurant. This type of restaurant offers complete meals and wide variety, including dishes requiring lengthy or elaborate preparation. All activities and personnel in the kitchen are under the supervision of a chef. Chefs are responsible for producing distinctive, high quality food consistently, efficiently, and profitably. A chef's duties include planning menus, analyzing and controlling cost, ordering supplies, hiring cooks and kitchen staff, and supervising their work. Typically, a cook or chef will come in early in the day to start cooking sauces, soups, roasts, and other slow cooking items needed for dinner. They may also prepare lunch, cut and portion meat, or bake bread. In the late afternoon, dinner preparations are made; broiling, sauteing and other last minute cooking required during the evening meal.

Outlook

Employment of cooks is concentrated in hotels, hospitals, schools, and eating and drinking places. The greatest percentage of these workers are employed in eating and drinking establishments which account for around 75 percent of the total. Demand is expected to remain strong through 1983 and beyond as the population grows and people tend to dine out more. The greatest demand is for experienced

breakfast, dinner and specialty cooks. There has been a shortage of all-around cooks and an even greater shortage of chefs. In part, this stems from scarcity of formal training facilities and a general lack of knowledge or interest in culinary careers. A recent expansion and promotion of training programs may help to alleviate this shortage. However, at current wages, the supply of qualified workers is expected to remain well below demand for the next several years. Dining out has become well established as part of the American way of life and tastes have become more sophisticated. Discriminating customers increasingly seek places which feature freshly cooked food and distinctive, gourmet cuisine. As a result, many fine full-service restaurants are opening in cities, suburbs, and resort areas throughout the state. In addition, many opportunities will arise from the need to replace experienced cooks who are promoted, retire, or leave the labor force. Cooks normally work an eight-hour shift, five days a week, weekends included.

GUARDS

Job Description

Security Guards are private citizens hired to protect specific persons or property. They deter crime, maintain order, and prevent or report fire and other safety hazards. If trouble occurs, the guard's role is to detect it, keep the situation under control, and notify the appropriate authorities. They may inspect packages and employees' belongings for stolen property. Patrol is another major activity. Guards make periodic rounds on foot, or in a patrol vehicle, of buildings, grounds, construction sites and parking lots within a given area. Guards may also be stationed at central control consoles which are connected to automatic alarms and closed circuit television. They make regular reports of routine activities and a written summary at the end of each shift. Some guards carry weapons such as firearms or batons and also may from time to time be required to appear at a suspect's hearing and testify at the trial.

Outlook

Employment is concentrated in retail trade, services, and government. Specific areas of employment are in general merchandise establishments, eating and drinking places, hotels and lodging places, detective and protective agencies, nonprofit membership organizations, and in government agencies. While the retail trade industry showed moderate decline in this occupation, services exhibited a slightly greater than average growth rate. Concern about crime and vandalism are factors in the need for more security in and around plants, stores, and recreation areas. Employers prefer applicants to be certified with the State Consumer Affairs Department. Employers report that there is a surplus of marginally qualified jobseekers, but a shortage of experienced workers who meet employers' requirements. Guards are needed around the clock, they may be assigned to any of three eight hour shifts or to rotating shifts. Most openings are on late shifts. Many openings are part-time or on call for at least the first 90 days.

WAITERS AND WAITRESSES

Job Description

Waiters and waitresses present menus to customers, answer questions and make suggestions regarding food and service. They may memorize food orders and relay them to the kitchen. In addition, they serve courses, total bills, and accept payments or refer patrons to the cashier. Waiters and waitresses may also ladle soup, toss salads, portion pies and other desserts, and make coffee. In some establishments, they are required to carve meats, bone fish and fowl, and prepare flaming dishes at patrons' tables. The most important skills required of a waiter or waitress involve simple arithmetic, reading, writing, following instructions, being able to stand for long periods, and enjoying working with people.

Outlook

Over 90 percent of those employed in this occupation are employed in restaurants. Even though this is traditionally a high-turnover occupation due to low pay and odd working hours, a large surplus of applicants exist. Many of these jobs are filled by students working part-time and those who find other employment after graduation. The peak employment seems to coincide with the summer tourist season. Employment in this occupation is expected to grow about as fast as the average for all occuptions. Expected population growth, improved economic conditions, and personal income increases should result in growth for restaurants and in turn, greater need for waiters and waitresses. The work week is generally 40 hours, five days a week and workers are required to work evenings and weekend shifts. Part-time positions are usually available and many workers are required to work split shifts.

LEGAL SECRETARIES

Job Description

Legal secretaries perform specialized clerical and administrative tasks to help lawyers and legal assistants carry out their work and to insure efficient operation of the law office. Their work involves knowledge and use of highly technical legal terminology, forms, and procedures. Much of the legal secretary's job is concerned with preparing and processing formal legal documents. These include wills, leases, contracts, and court papers (known as "pleadings"). In matters involving disputes, secretaries obtain information from dictation, notes, and oral instructions, organize it along with other pertinent material, type it, and assemble the pages into correct legal form. Because the content and the wording of legal papers tends to be of a standard nature, secretaries are usually given only the new information or changes. They must rely on reference books, standard form manuals, case files, memory and independent judgement to compose and type the rest of the document. They also file papers with courts or

government agencies, correspond with clients, and keep records of progress on every case. For billing purposes, they also keep records of services performed for the client and time or money spent on the case.

Outlook

Legal secretaries with some legal, accounting and/or real estate experience are in very short supply. Word processing experience is also beginning to appear as a desirable qualification. Expansion of the legal profession, coupled with the need to replace employees who leave the labor force or transfer to other types of work, will continue to create strong demand for competent legal secretaries. The workweek usually consists of 35 to 37-1/2 hours. Overtime is sometimes required and is normally compensated by time and a half pay or equivalent time off.

ACCOUNTANTS

Job Description

Accounting includes three areas of employment: public accounting, private or "Management" accounting, and government accounting. Of the more than 140,000 accountants in California, approximately 30,000 are Certified Public Accountants. Most Certified Public Accountants have their own businesses or work for public accounting or auditing firms which provide services to clients. Private or management accountants handle the financial records of the company they work for. Government accountants examine the records of government agencies and audit private businesses and individuals whose dealings are subject to government regulations. About half of all government accountants work for the Federal sector as Internal Revenue agents, tax auditors or bank examiners.

Outlook

Employment for accountants is concentrated in business services, auditing, and federal employment. Government and business related employment have shown slight increases in demand. Experienced accountants can find employment easily. Most opportunities will occur as a result of replacing persons who leave the labor force. The greatest number of job opportunities will be for Certified Public Accountants and college graduates who have had some business or accounting firm experience. Increasingly complex tax regulations will create additional needs for a moderate number of accountants. Seasonal opportunities are available for part-time workers. The heaviest demand occurs with the year-end closing of the books and during tax season. The usual workweek for full-time employees is 40 hours, with occasional overtime.

LAWYERS

Job Description

Lawyers advise clients regarding their legal rights and obligations. They interpret the law for clients to help them decide what actions would best serve their interests. The duties of lawyers many times are determined by the type of organization they work in or the branch of law they practice. Most lawyers are engaged in general practice and handle various types of legal problems and tasks for their clients, although an increasing number of lawyers are specializing in one particular branch of law. Trial lawyers handle both civil and criminal cases that may go to trial before a judge or jury. Criminal lawyers specialize in law cases dealing with offenses against society or the State, such as theft, murder, and arson. Labor lawyers handle wage-hour disputes, strikes, contract negotiations, and other employee—employer relations for labor unions or industrial organizations. Family law lawyers specialize in legal matters involving annulments, separations, divorce proceedings, adoptions, child custody, and similar matters. Real estate lawyers handle transfer of property. They draft documents such as deeds, leases, and mortgages. Tax lawyers advise clients on matters relating to State and Federal tax laws, and represent them before special tax courts. Lawyers also work in Federal, State or local government units.

Outlook

In the past, population growth, business expansion, and the complexities of society and government have combined to create a strong demand for lawyers. Today, this demand is being met by the large number of law school graduates. Currently there is one practicing lawyer for every 300 Californians. The competition is becoming more intense for new jobs as well as for vacancies from turnover and lawyers leaving the labor force. There is currenty a surplus of lawyers. Job applicants from well-known schools who rank high in their classes will have the best opportunities for employment. The normal workweek varies with each case or assignment, and lawyers frequently work over 40 hours a week.

LICENSED VOCATIONAL NURSES

Job Description

Licensed vocational nurses assist in caring for persons who are physically or mentally ill. These include medical and surgical patients, convalescents, the handicapped, the aged, and others. Under the direction of physicians and registered nurses, they provide nursing care requiring technical knowledge. In hospitals, they take patients' temperature, pulse, and blood pressure, maintain medical charts, change dressings, assist with patients' personal hygiene, and prepare patients for examination. They observe changes in patients' conditions, recognize the implications of these changes, and take the necessary corrective or

reporting action. Licenced vocational nurses administer prescribed medications, give injections, withdraw blood for testing, and administer intravenous fluids. After specialized training, licensed vocational nurses may work in fields such as psychiatry, surgery, intensive care, or coronary care.

Outlook

Employment is concentrated in hospitals, physician's offices, and convalescent homes. About 65 percent of employment is found in hospitals. Employment opportunities are greater than the average of all occupations in response to the needs of a growing and aging population and the availability of private and public health insurance. Especially in demand are those who can administer prescribed medication and who have hospital and/or doctor's office experience. Many nurses secure their own jobs by joining local nursing associations (nurses registries) which contract to supply hospitals and convalescent homes. Many openings are difficult to fill because most openings are on late shifts and many offer low pay.

REAL ESTATE AGENTS

Job Description

Real estate agents sell various types of real estate for their clients. Working through a broker, agents perform an essential service to both the buyer and seller by providing for the orderly transfer of property. Agents must be able to make appraisals to determine the selling price of property and the availability of transportation, schools and shopping centers, in order to anticipate the prospective buyers' questions and to meet their needs. Once a buyer is found, real estate agents prepare a purchase agreement. They are required to draw up documents for the sale in a manner protecting the legal rights of both the buyer and the seller. Agents help the buyer arrange financing and work with the title or escrow company until the transaction is completed. Real estate agents may specialize in selling residential property, apartment buildings, recreation or mountain property, farm property, or businesses.

Outlook

There is currently a surplus of licensed real estate agents. Most of the current activity is occurring in specialized areas of the field such as income/investment property, commercial property, or recreational property. Despite the recent decline in activity of the real estate market, job prospects for real estate agents could improve significantly. The California Association of Realtors reports that for the first time in many years, real estate firms have begun recruiting campaigns for agents in southern California. The Association also reports that 25,000 of its 135,000 members had dropped out of the busines by the end of 1982 and they expect its ranks to be thinned further to

82,000. This compares with a peak in the number of agents in 1980 of 148,000. The fact that many agents holding licenses have become disillusioned with the field and have sought more lucrative and secure employment in other fields, may signal new opportunities for those who are interested in this field of work However, increased activity in the real estate market may lure former real estate agents back into the occupation. Recent declines in interest rates have led to increased activity in the real estate market and many potential buyers are awaiting further reductions before entering the market. This tends to be a volatile occupation and is sensitive to fluctuations in the economy at large.

RADIO AND TV REPAIRERS

Job Description

Radio and TV repairers install and repair a wide variety of electrical and electronic audio equipment. In addition to televisions and radios, they work on phonographs and stereo systems, tape recorders, electronic musical instruments, video recording equipment, and electronic TV games. These technicians work in a broad range of settings, from small, owner-operated shops to large service centers, such as those in major department and appliance stores, and factory service outlets.

When repairing sets, the technician checks and evaluates each possible cause of trouble. The characteristics of the malfunction usually provide a clue to its source. The technician examines suspected areas for common disorders: loose or broken connections, faulty components, or electronic circuits burned by excessive current or by misuse. If the problem is routine, the technician corrects it, then prepares an itemized bill.

If the repair is too complex to be completed in the home, the technician estimates the cost of repair and how long it will take. In the service shop, a bench technician tests the set thoroughly to pinpoint the cause of the difficulty and completes the repair.

OUTLOOK

There are currently over 20,000 TV and radio service technicians working in California. In most areas of the State, there will be moderate demand for technicians experienced in color TV repair, as well as microminiature circuitry, especially microprocessor and digital circuitry, over the next several years. Fully qualified technicians are frequently in short supply during the fall and winter months, which are the busiest seasons for most shops. The workweek for service technicians is normally 40 hours. However, overtime may be required when business is brisk. Technicians frequently work on Saturdays and have a weekday off.

COMPUTER PROGRAMMERS

Job Description

Computer programmers work with managers and users of the computer's product (output). Programmers are involved in each step of preparing new or revised programs for computer tasks. The process begins by clearly defining the tasks to be done and deciding whether the computer is the best way to solve the problem. If it is, the programmer details the information needed for the computer to begin its work (input), and determines the best use of the computer to achieve the desired output.

After this is accomplished, the programmer outlines a process to do the job. The capabilities of the computer, information already available, plus necessary input, must be known. From this, a diagram, or "flow chart", is prepared, detailing the flow of information and sequence of activities in each of the program's steps.

The program itself is then written in a coded "language". Computer languages are structured to reduce the number of written instructions necessary, as each computer has within it a special program, or "compiler", which translates the coded language into specific instructions for the computer to follow.

After the program is written, it must be debugged, and the final step of the programmer's major responsibilities is writing a list of instructions for the computer operator to follow while running the program. These instructions must be clear enough for the operator to follow with no assistance from the programmer.

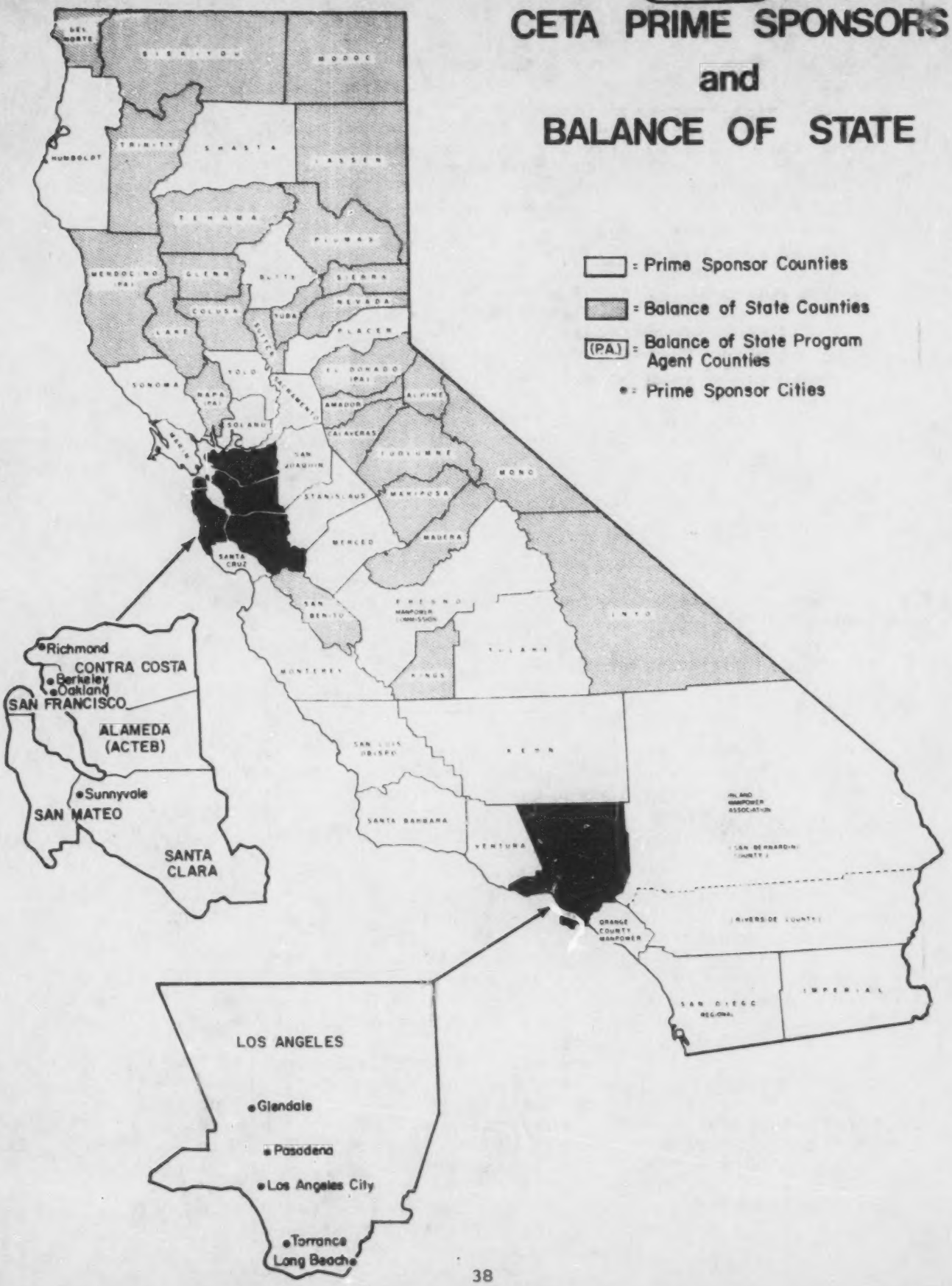
Outlook

There were over 38,000 computer progammers working in California in 1980. Many work in manufacturing (especially in computer equipment manufacturing), and for service industries, such as electronic data processing (EDP) service bureaus. The total number of positions is expected to grow to over 48,000 by 1985.

Commercial programmers will continue to be in short supply, as industries add new EDP capabilities, and as firms that now have computer systems find new ways of employing their equipment. The need for engineering and scientific programmers is expected to diminish, as more sophisticated "canned" software allow the users themselves to assume this function. There will be some increased need, however, for engineering and scientific programmers in computer manufacturing firms, especially those heavily involved in the development of CAD (computer-assisted drafting), CAM (computer-assisted manufacturing), time-sharing systems, and minicomputers. Systems programmers will enjoy the strongest demand over the next several years. Skilled applicants are in the greatest demand while trainees and applicants with training but no experience will have strong competition with only an occasional opening. Openings can be found on any of three shifts and may involve overtime.

MAP 1

CETA PRIME SPONSORS and BALANCE OF STATE



TARGET GROUPS IN NEED OF EMPLOYMENT ASSISTANCE

SOCIAL and ECONOMIC DATA GLOSSARY

Black, Not Hispanic:
A person having origins in any of the black racial groups of Africa, except those classified as Hispanic (see Hispanic).

Civilian Labor Force:
The sum of total civilian employment and unemployment.

Employment:
The number of people who work at all as paid employees, in their own business, profession, or farm, or who work 15 hours or more during a week as unpaid workers in an enterprise operated by a member of the family, and all those who are not working but who have jobs or businesses from which they are temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they are paid by their employers for the time off, and whether or not they are seeking other jobs.

Family Heads:
One person in each household is designated as the "head;" that is, the person who is regarded as the head by the members of the household. Because our data are based on 1970 census information, the husband of a two-parent household is counted as the head.

Hispanic:
A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

Offender:
A person under local supervision. For CETA, this category also includes ex-offenders, but we have been unable to obtain information on these people. Definitions of terms used in reference to offenders follow.

Adult:
A person 18 years of age or older at the time of committing a crime.

Discharged:
Legally released from parole.

Felon:
A person convicted of a crime punishable with death or by imprisonment in a state prison.

Juvenile:
A person under the age 18 at the time of committing a crime.

Parolee:
A person under supervision in the community after early release from an institution.

Probation:
A judicial requirement that a person fulfill certain conditions of behavior in lieu of a sentence to confinement but sometimes including a jail sentence.

Other (races), Not Hispanic:
A person not belonging to the White, Black, or Hispanic categories. This category includes Native American, Japanese, Pacific Islanders, Chinese, Filipino, Hawaiian, Korean, Southeast Asian, and Asian Indian.

Poverty Level:
Determined by the Social Security Administration's Poverty Index. The figure is updated annually to reflect increases in the Consumer Price Index.

Public Assistance Recipient:
A member of a family which receives cash welfare payments under federal, state, or local welfare programs. Definitions of terms used in reference to public assistance recipients follow.

Aid to Families with Dependent Children (AFDC):
Public assistance to households with children and for children in institutions.

Children in Foster Family Homes:
Foster home families that receive a cash grant from a government program to care for a designated child who is not related to them.

Children in Institutions:
Children supported in institutions, such as a hospital, by a government program.

Food Stamp Recipient:
A person receiving nonmonetary assistance in the form of coupons that can be exchanged for groceries.

General Home Relief:
Public Assistance to childless families and individuals.

Social Security Recipient:
A person receiving supplementary security income from the federal government due to retirement or disability.

School Enrollment:
Number of students attending grades kindergarten through the twelfth grade. Does not include enrollment in community or State colleges. Definitions of terms used in reference to school enrollment follow.

Continuation:
Programs designed to meet requirements for graduation from high school of persons not enrolled in the regular academic program.

Other Special Education:
Classes for the physically, mentally or educationally handicapped.

Private Schools:
Those educational institutions not supported by public funds. Many of these schools have religious affiliations.

Public Schools:
Schools supported by local taxes.

Vocational Education:
Training programs for specific occupations.

Unemployment:
The number of persons who do not work, who make specific efforts to find a job, and who are available for work (except for temporary illness). Also included as unemployed are those who are not at work at all, are available for work, and are waiting to be called back to a job from which they have been laid off; or are waiting to report to a new wage or salary job within 30 days.

Unemployment Rate:
Unemployment divided by civilian labor force, expressed as a percentage.

Veteran:
A person who has served but is not now serving in the armed forces of the United States.

Vietnam-Era Veteran:
A person who served between August 4, 1964 and May 8, 1975 but is not now serving in the armed forces of the United States.

White, Not Hispanic:
A person having origins in any of the original peoples of Europe, North Africa, or the Middle East, except those classified as Hispanic (see Hispanic).

Table 1

Total Population by Age and Sex

California

April 1980 Census

Age	Total	Male	Female
Total	23,667,902	11,666,485	12,001,417
0-13	4,787,142	2,445,332	2,341,810
14	367,625	187,297	180,328
15	394,656	200,403	194,253
16	413,416	210,884	202,532
17	426,119	218,898	207,221
18	432,864	222,428	210,436
19	463,410	239,071	224,339
20	468,066	243,276	224,790
21	464,384	240,503	223,881
22-24	1,423,515	729,289	694,226
25-29	2,232,964	1,132,811	1,100,153
30-34	2,010,051	1,008,606	1,001,445
35-44	2,814,938	1,405,997	1,408,941
45-54	2,359,934	1,157,215	1,202,719
55-59	1,202,140	573,119	629,021
60-64	992,428	467,607	524,821
65 and over ...	2,414,250	983,749	1,430,501

Source: Department of Finance, State Census Data Center.

CALIFORNIA

TABLE 1A

TOTAL POPULATION BY RACE

RACE	POPULATION
TOTAL, ALL RACES	23,667,902
WHITE	18,221,353
BLACK	1,818,660
AMERICAN INDIAN, ESKIMO, AND ALEUT	231,702
AMERICAN INDIAN	227,757
ESKIMO	2,194
ALEUT	1,751
ASIAN AND PACIFIC ISLANDER	1,312,973
JAPANESE	268,814
CHINESE	325,882
FILIPINO	358,378
KOREAN	102,582
ASIAN INDIAN	59,774
VIETNAMESE	85,238
HAWAIIAN	24,245
GUAMANIAN	17,009
SAMOAN	18,087
OTHER ASIAN OR PACIFIC ISLANDER	52,964
TOTAL, ALL OTHER*	2,083,214

SOURCE: APRIL 1980 CENSUS

* THIS FIGURE INCLUDES ALL PERSONS WHO DID NOT LIST THEMSELVES IN ANY OF THE RACES ABOVE.

CALIFORNIA

TABLE 1B

TOTAL POPULATION BY RACE, SEX, AND AGE*

AGE	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	23,667,902	18,221,353	1,818,660	231,702	1,312,973	2,083,214
0 - 4	1,698,177	1,164,221	155,856	18,956	98,754	260,390
5 - 14	3,444,220	2,446,093	326,377	41,835	207,180	422,735
15 - 59	15,128,567	11,614,054	1,166,326	153,819	884,947	1,309,421
60 - 64	995,932	864,091	55,709	6,342	39,099	30,691
65 AND OVER	2,401,006	2,132,894	114,392	10,750	82,993	59,977
			MALE			
TOTAL	11,666,104	8,947,589	889,931	113,543	643,306	1,071,735
0 - 4	866,763	595,985	78,544	9,601	49,932	132,701
5 - 14	1,765,059	1,253,936	166,093	21,376	108,246	215,408
15 - 59	7,589,857	5,833,675	573,328	75,008	424,343	683,503
60 - 64	469,360	408,417	25,563	3,005	18,172	14,203
65 AND OVER	975,065	855,576	46,403	4,553	42,613	25,920
			FEMALE			
TOTAL	12,001,798	9,273,764	928,729	118,159	669,667	1,011,479
0 - 4	831,414	568,236	77,312	9,355	48,822	127,689
5 - 14	1,679,161	1,192,157	160,284	20,459	98,934	207,327
15 - 59	7,538,710	5,780,379	592,998	78,811	460,604	625,918
60 - 64	526,572	455,674	30,146	3,337	20,927	16,488
65 AND OVER	1,425,941	1,277,318	67,989	6,197	40,380	34,057

SOURCE: APRIL 1980 CENSUS

* DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION FROM THE CENSUS AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

TABLE 1C

TOTAL POPULATION BY ETHNIC ORIGIN, SEX, AND AGE*

AGE	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	23,667,902	4,541,309	19,126,602
0 - 4	1,698,177	543,117	1,155,060
5 - 14	3,444,220	933,227	2,510,993
15 - 59	15,128,567	2,809,784	12,318,783
60 - 64	995,932	85,385	910,547
65 AND OVER	2,401,006	169,787	2,231,219
MALE			
TOTAL	11,666,104	2,297,687	9,368,417
0 - 4	866,763	276,181	590,582
5 - 14	1,765,059	476,961	1,288,098
15 - 59	7,589,857	1,432,698	6,157,159
60 - 64	469,360	39,816	429,544
65 AND OVER	975,065	72,031	903,034
FEMALE			
TOTAL	12,001,798	2,243,613	9,758,185
0 - 4	831,414	266,936	564,478
5 - 14	1,679,161	456,266	1,222,895
15 - 59	7,538,710	1,377,086	6,161,624
60 - 64	526,572	45,569	481,003
65 AND OVER	1,425,941	97,756	1,328,185

SOURCE: APRIL 1980 CENSUS

* DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

TABLE 1D

TOTAL POPULATION BY PERSONS OF
HISPANIC AND OTHER (THAN HISPANIC) ORIGIN

CHARACTERISTICS	POPULATION
TOTAL POPULATION	23,667,902
PERSONS OF HISPANIC ORIGIN	4,541,300
PERSONS OF OTHER (THAN HISPANIC) ORIGIN	19,126,602
PERSONS OF HISPANIC ORIGIN BY PLACE OF ORIGIN	
MEXICAN	3,613,167
PUERTO RICAN	93,005
CUBAN	63,797
OTHER HISPANIC	771,331
PERSONS OF HISPANIC ORIGIN BY RACE	
WHITE	2,370,578
BLACK	34,574
AMERICAN INDIAN, ESKIMO, & ALEUT, AND ASIAN & PACIFIC ISLANDER	112,818
OTHER	2,023,330
PERSONS OF OTHER (THAN HISPANIC) ORIGIN BY RACE	
WHITE	15,850,775
BLACK	1,784,086
AMERICAN INDIAN, ESKIMO, & ALEUT, AND ASIAN & PACIFIC ISLANDER	1,431,857
OTHER	59,884

SOURCE: APRIL 1980 CENSUS

Table 1E

Total Population By Race/Hispanic Origin

California

Total	23,667,902
White, not Hispanic	15,850,775
Black, not Hispanic	1,784,086
American Indian, Eskimo, & Aleut and Asian, Pacific Islander, not Hispanic *	1,431,857
Hispanic	4,541,300
Other, not Hispanic	59,884

Source: 1980 Census

* Separate breakouts for the total population of "American Indian, Eskimo, and Aleut, not Hispanic" and "Asian and Pacific Islander, not Hispanic" are not available as of April 1983.

CALIFORNIA

TABLE 2A

LABOR FORCE STATUS BY RACE AND SEX
FOR PERSONS 16 YEARS OLD AND OVER*

LABOR FORCE STATUS	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL LABOR FORCE	11,649,488	9,166,912	801,575	105,634	668,477	906,890
ARMED FORCES	263,413	196,082	37,891	3,134	14,413	11,893
CIV LABOR FORCE	11,386,075	8,970,830	763,684	102,500	654,064	894,997
EMPLOYED	10,640,405	8,447,610	679,044	90,437	623,977	799,337
UNEMPLOYED	745,670	523,220	84,640	12,063	30,087	95,660
UNEMPLOYMENT RATE	6.5	5.8	11.1	11.8	4.6	10.7
NOT IN LABOR FORCE	6,477,395	5,155,019	495,629	60,309	316,716	449,722
MALE						
TOTAL LABOR FORCE	6,762,588	5,347,696	428,643	60,455	360,073	565,721
ARMED FORCES	244,890	182,012	34,819	2,929	13,855	11,275
CIV LABOR FORCE	6,517,698	5,165,684	393,824	57,526	346,218	554,446
EMPLOYED	6,088,529	4,862,867	345,618	50,302	331,186	498,556
UNEMPLOYED	429,169	302,817	48,206	7,224	15,032	55,890
UNEMPLOYMENT RATE	6.6	5.9	12.2	12.6	4.3	10.1
NOT IN LABOR FORCE	2,067,954	1,602,353	196,420	19,727	113,739	135,715
FEMALE						
TOTAL LABOR FORCE	4,886,900	3,819,216	372,932	45,179	308,404	341,169
ARMED FORCES	18,523	14,070	3,072	205	558	618
CIV LABOR FORCE	4,868,377	3,805,146	369,860	44,974	307,846	340,551
EMPLOYED	4,551,876	3,584,743	333,426	40,135	292,791	300,781
UNEMPLOYED	316,501	220,403	36,434	4,839	15,055	39,770
UNEMPLOYMENT RATE	6.5	5.8	9.9	10.8	4.9	11.7
NOT IN LABOR FORCE	4,409,441	3,552,666	299,209	40,582	202,977	314,007

SOURCE: APRIL 1980 CENSUS

* DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

CALIFORNIA

TABLE 2B

LABOR FORCE STATUS BY ETHNIC ORIGIN AND SEX
FOR PERSONS 16 YEARS OLD AND OVER*

LABOR FORCE STATUS	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL LABOR FORCE	11,649,488	1,984,925	9,664,563
ARMED FORCES	263,413	21,726	241,687
CIV LABOR FORCE	11,386,075	1,963,199	9,422,876
EMPLOYED	10,640,405	1,775,141	8,865,264
UNEMPLOYED	745,670	188,058	557,612
UNEMPLOYMENT RATE	6.5	9.6	5.9
NOT IN LABOR FORCE	6,477,395	985,259	5,492,136
MALE			
TOTAL LABOR FORCE	6,762,588	1,207,837	5,554,751
ARMED FORCES	244,890	20,472	224,418
CIV LABOR FORCE	6,517,698	1,187,365	5,330,333
EMPLOYED	6,088,529	1,078,863	5,009,666
UNEMPLOYED	429,169	108,502	320,667
UNEMPLOYMENT RATE	6.6	9.1	6.0
NOT IN LABOR FORCE	2,067,954	287,916	1,780,038
FEMALE			
TOTAL LABOR FORCE	4,886,900	777,088	4,109,812
ARMED FORCES	18,523	1,254	17,269
CIV LABOR FORCE	4,868,377	775,834	4,092,543
EMPLOYED	4,551,876	696,278	3,855,598
UNEMPLOYED	316,501	79,556	236,945
UNEMPLOYMENT RATE	6.5	10.3	5.8
NOT IN LABOR FORCE	4,409,441	697,343	3,712,098

SOURCE: APRIL 1980 CENSUS

* DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE

CALIFORNIA

TABLE 2C

LABOR FORCE STATUS
OF PERSONS WITH WORK DISABILITIES

STATUS	NUMBER
TOTAL WITH A WORK DISABILITY	1,279,189
IN LABOR FORCE	494,461
NOT IN LABOR FORCE	784,728
PREVENTED FROM WORKING	647,082
NOT PREVENTED FROM WORKING	137,646
TOTAL WITH NO WORK DISABLITY	14,331,618

SOURCE: APRIL 1980 CENSUS

Table 2D

School and Labor Force Status
of Youth, 16-19 Years Old

California

Total Youth	1,727,757
Number in Armed Forces	39,787
Number in School	1,188,429
Not in School	499,541

Not in School - Labor Force Status	High School Graduate	Not High School Graduate
Labor Force	200,245	147,357
Employed	174,063	111,169
Unemployed	26,182	36,188
Unemployment Rate	13.1	24.6
Not in Labor Force	51,902	100,037

Source: 1980 Census

Table 3A

Public Assistance Recepients by Program

September 1980, 1981, and 1982

California

Program	Number of Recipients*		
	1980	1981	1982
Total Aid to Families with Dependent Children**	1,470,035	1,556,214	1,537,941
Adults	485,045	525,744	531,053
Children	984,990	1,030,470	1,006,888
Food Stamps	1,571,224	1,626,346	1,691,361
General Relief***	31,723	33,723	61,359
Refugee Cash Assistance****	NA	NA	15,163

Source: Public Welfare in California, Department of Social Services

* Figures are for number of persons.

** Includes children in foster family homes and institutions.

*** Data reported prior to 1982 not comparable to current statistics due to changes in reporting procedures.

**** Data excludes persons receiving assistance from Aid to Families with Dependent Children.

Table 3B

Aid to Families with Dependent Children (AFDC)

Characteristics of Recipients 16 Years Old or Over

September 1980, 1981, and 1982

California

Characteristic	Number of Recipients*		
	1980	1981	1982
Total AFDC Recipients	586,440	620,820	613,530
Sex			
Male	121,250	128,360	126,850
Female	465,190	492,460	486,678
Age			
16 - 19	157,910	167,170	165,200
20 - 21	42,080	44,550	44,030
22 - 24	73,790	78,120	77,200
25 - 29	95,360	100,950	99,760
30 - 39	141,350	149,640	147,880
40 - 44	33,120	35,060	34,650
45 - 54	35,040	37,090	36,650
55 - 64	6,050	6,410	6,330
65 and over	1,730	1,830	1,810
Ethnicity			
White, not Hispanic	232,350	243,320	234,320
Black, not Hispanic	167,350	166,590	153,750
American Indian	4,620	4,900	7,800
Asian and Pacific Islander	20,300	32,550	42,640
Filipino	2,890	2,710	2,220
Hispanic	4,620	170,760	172,800

Source: Total figure from Public Welfare in California, Department of Social Services. Proportions by sex, age, and ethnicity are Employment Development Department estimates.

* Parts may not add to total due to independent rounding.

Table 3C

Supplemental Security Income (SSI)

Recipients by Program

December 1979, 1980, 1981

California

Program	1979	1980	1981
Total Recipients	634,594	649,130	629,436
Aged	277,354	281,068	264,554
Individuals	238,006	241,704	227,844
Couples	39,348	39,364	36,710
Blind and Disabled	357,244	368,062	364,882
Individuals	314,902	324,528	322,288
Couples	19,468	19,756	19,038
Children*	22,870	23,778	23,556

Source: Supplemental Security Income, State and County Data, Social Security Administration, Office of Research and Statistics.

* Individuals under 18 years of age.

CALIFORNIA

Table 4A

POVERTY STATUS BY RACE

POVERTY STATUS	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	23,106,594	17,801,156	1,750,502	224,833	1,289,782	2,040,321
ABOVE POVERTY	20,480,411	16,225,687	1,357,024	184,485	1,130,218	1,582,997
BELOW POVERTY	2,626,183	1,575,469	393,478	40,348	159,564	457,324
PERCENT BELOW POVERTY	11.4	8.9	22.5	17.9	12.4	22.4

SOURCE: APRIL 1980 CENSUS

POVERTY STATUS BY ETHNIC ORIGIN

POVERTY STATUS	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	23,106,594	4,467,296	18,639,298
ABOVE POVERTY	20,480,411	3,613,098	16,867,313
BELOW POVERTY	2,626,183	854,198	1,771,985
PERCENT BELOW POVERTY	11.4	19.1	9.5

SOURCE: APRIL 1980 CENSUS

CALIFORNIA

TABLE 4B

RATIO OF PERSONAL INCOME TO POVERTY

PERSONAL INCOME LEVEL	PERSONS	PERCENT OF TOTAL
TOTAL	23,106,594	100.0
BELOW 75% OF POVERTY	1,737,326	7.5
BETWEEN 75 AND 124% OF POVERTY	1,955,665	8.5
BETWEEN 125 AND 149% OF POVERTY	1,088,293	4.7
BETWEEN 150 AND 199% OF POVERTY	2,150,395	9.3
200% OF POVERTY LEVEL AND ABOVE	16,174,915	70.0

SOURCE: APRIL 1980 CENSUS

CALIFORNIA

TABLE 4C

FAMILIES BY PRESENCE OF CHILDREN
AND POVERTY STATUS

FAMILY STATUS	ALL FAMILIES	HEADED BY SINGLE FEMALES
TOTAL FAMILIES	5,978,084	883,177
ABOVE POVERTY	5,457,035	652,715
CHILDREN AGED 0-17	536,397	49,399
CHILDREN AGED 0-5 ONLY	697,147	66,082
CHILDREN AGED 6-17 ONLY	1,579,166	295,625
NO CHILDREN	2,644,325	241,609
BELOW POVERTY	521,049	230,462
CHILDREN AGED 0-17	123,411	55,814
CHILDREN AGED 0-5 ONLY	119,801	56,408
CHILDREN AGED 6-17 ONLY	169,159	98,219
NO CHILDREN	108,678	20,021

SOURCE: APRIL 1980 CENSUS

CALIFORNIA

TABLE 5A

INCOME BY HOUSEHOLDS AND FAMILIES

INCOME	HOUSEHOLDS	FAMILIES
TOTAL	8,644,633	5,978,084
$0 - 2,499	352,113	170,810
$2,500 - 4,999	638,400	207,432
$5,000 - 7,499	625,996	328,924
$7,500 - 9,999	653,526	393,026
$10,000 - 12,499	705,612	434,909
$12,500 - 14,999	573,611	381,850
$15,000 - 17,499	613,721	419,954
$17,500 - 19,999	532,486	384,407
$20,000 - 22,499	584,489	434,320
$22,500 - 24,999	460,560	363,345
$25,000 - 27,499	458,063	369,077
$27,500 - 29,999	353,390	294,696
$30,000 - 34,999	617,619	522,983
$35,000 - 39,999	428,937	369,504
$40,000 - 49,999	494,764	428,836
$50,000 - 74,999	379,955	327,325
$75,000 OR MORE	171,391	146,686

SOURCE: APRIL 1980 CENSUS

TABLE 5B

FAMILY INCOME BY RACE

INCOME	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	5,978,084	4,753,164	430,983	54,633	295,582	443,722
$0 - 4,999	378,242	238,592	64,041	5,800	20,290	49,519
$5,000 - 7,499	328,924	227,412	42,126	4,949	12,951	41,486
$7,500 - 9,999	393,026	286,255	40,805	4,648	15,693	45,625
$10,000 - 14,999	816,759	615,121	69,885	9,179	33,852	88,722
$15,000 - 19,999	804,361	628,693	57,914	7,933	36,371	73,450
$20,000 - 24,999	797,665	647,709	47,137	6,875	40,598	55,346
$25,000 - 34,999	1,186,756	994,585	61,640	8,860	63,636	58,035
$35,000 - 49,999	798,340	687,593	35,220	4,680	47,500	23,347
$50,000 OR MORE	474,011	427,204	12,215	1,709	24,691	8,192

SOURCE: APRIL 1980 CENSUS

FAMILY INCOME BY ETHNIC ORIGIN

INCOME	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	5,978,084	976,474	5,001,610
$0 - 4,999	378,242	96,354	281,888
$5,000 - 7,499	328,924	81,248	247,676
$7,500 - 9,999	393,026	91,083	301,943
$10,000 - 14,999	816,759	182,209	634,550
$15,000 - 19,999	804,361	157,321	647,040
$20,000 - 24,999	797,665	129,066	668,599
$25,000 - 34,999	1,186,756	146,996	1,039,760
$35,000 - 49,999	798,340	67,157	731,183
$50,000 OR MORE	474,011	25,040	448,971

SOURCE: APRIL 1980 CENSUS

CALIFORNIA

TABLE 5C

HOUSEHOLD TYPE AND PRESENCE OF CHILDREN BY RACE

HOUSEHOLD TYPE	TOTAL	WHITE	BLACK	AMERICAN INDIAN ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL HOUSEHOLDS	8,644,633	7,012,406	635,625	75,532	385,584	535,486
MARRIED COUPLE W/ CHILDREN	2,397,163	1,823,008	141,956	23,576	155,733	252,890
MARRIED COUPLE W/O CHILDREN	2,435,399	2,143,743	103,975	15,572	91,898	80,211
MALE HOUSEHOLDER W/ CHILDREN	110,153	77,218	14,309	1,816	3,907	12,903
MALE HOUSEHOLDER W/O CHILDREN	152,192	107,446	13,601	1,335	11,636	18,174
FEMALE HOUSEHOLDER W/ CHILDREN	570,701	371,003	115,871	9,055	16,959	57,813
FEMALE HOUSEHOLDER W/O CHILDREN	312,476	230,746	41,271	3,279	15,449	21,731
NON-FAMILY HOUSEHOLD	2,666,549	2,259,242	204,642	20,899	90,002	91,764

SOURCE: APRIL 1980 CENSUS

HOUSEHOLD TYPE AND PRESENCE OF CHILDREN BY ETHNIC ORIGIN

HOUSEHOLD TYPE	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL HOUSEHOLDS	8,644,633	1,192,809	7,451,824
MARRIED COUPLE W/ CHILDREN	2,397,163	535,696	1,861,467
MARRIED COUPLE W/O CHILDREN	2,435,399	211,311	2,224,088
MALE HOUSEHOLDER W/ CHILDREN	110,153	25,392	84,761
MALE HOUSEHOLDER W/O CHILDREN	152,192	36,915	115,277
FEMALE HOUSEHOLDER W/ CHILDREN	570,701	118,151	452,550
FEMALE HOUSEHOLDER W/O CHILDREN	312,476	49,009	263,467
NON-FAMILY HOUSEHOLD	2,666,549	216,335	2,450,214

SOURCE: 1980 CENSUS

Table 6

YEARS OF SCHOOL COMPLETED BY RACE
PERSONS AGE 25 YEARS OLD OR OVER

YEARS COMPLETED	TOTAL	WHITE	BLACK	AMERICAN INDIAN ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	14,043,986	11,328,655	936,970	119,549	767,274	891,538
ELEMENTARY	1,995,944	1,310,434	137,073	17,665	118,072	412,700
HIGH SCHOOL: 1-3 YEARS	1,728,792	1,340,844	158,042	23,384	63,444	143,078
HIGH SCHOOL: 4 YEARS	4,415,732	3,705,472	296,934	39,118	185,808	188,400
COLLEGE: 1-3 YEARS	3,150,653	2,618,371	239,409	27,619	161,309	103,945
COLLEGE: 4 YEARS	2,752,865	2,353,534	105,512	11,763	238,641	43,415

SOURCE: APRIL 1980 CENSUS

YEARS OF SCHOOL COMPLETED BY ETHNIC ORIGIN
PERSONS AGE 25 YEARS OLD OR OVER

YEARS COMPLETED	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	14,043,986	2,037,978	12,006,808
ELEMENTARY	1,995,944	822,117	1,173,827
HIGH SCHOOL: 1-3 YEARS	1,728,792	327,526	1,401,266
HIGH SCHOOL: 4 YEARS	4,415,732	480,854	3,934,878
COLLEGE: 1-3 YEARS	3,150,653	276,438	2,874,215
COLLEGE: 4 YEARS	2,752,865	131,043	2,621,822

SOURCE: APRIL 1980 CENSUS

CALIFORNIA

Table 7

PRIMARY LANGUAGE SPOKEN AT HOME
AND ABILITY TO SPEAK ENGLISH

PRIMARY LANGUAGE	TOTAL	PERSONS 5 TO 17 YEARS	PERSONS 18 YEARS AND OLDER
TOTAL	21,969,725	4,685,403	17,284,322
ENGLISH	16,995,261	3,609,303	13,385,958
SPANISH	3,134,915	804,654	2,330,261
ENGLISH SPOKEN WELL	2,195,035	644,572	1,550,463
ENGLISH NOT SPOKEN WELL	939,880	160,082	779,798
OTHER LANGUAGE	1,839,549	271,446	1,568,103
ENGLISH SPOKEN WELL	1,525,398	226,469	1,298,929
ENGLISH NOT SPOKEN WELL	314,151	44,977	269,174

SOURCE: APRIL 1980 CENSUS

TABLE 8

VETERANS BY SEX
AND ALL PERIODS OF ACTIVE DUTY

CHARACTERISTIC	NUMBER
TOTAL VETERANS	3,097,321
SEX	
MALE	2,947,816
FEMALE	149,505
PERIOD OF SERVICE	
1975 AND LATER	109,171
VIETNAM ERA	936,213
KOREAN WAR	548,147
WORLD WAR II	1,071,542
WORLD WAR I	49,520
OTHER	382,728

SOURCE: APRIL 1980 CENSUS

Table 9A

Felons Newly Received from Superior Court

by Sex

1979-1981

California

Sex	1979	1980	1981
Total	9,874	11,347	13,932
Male	9,203	10,657	13,110
Female	671	690	822

Source: California Department of Corrections

Table 9B

Felons Paroled to California Supervision

by Sex

1979-1981

California

Sex	1979	1980	1981
Total	9,316	11,118	11,654
Male	8,818	10,462	10,900
Female	498	656	754

Source: California Department of Corrections.

Table 9C

Felon Parole Population by Location
of Supervising Parole Office

California

Fiscal Year (FY) 1981-1982

Location*	On Parole 6-30-81	Discharged FY 1981-82	On Parole 6-30-82
Statewide	9,805	5,802	11,555
Male	9,175	5,427	10,781
Female	630	375	774
Central Region	744	444	835
Male	705	423	803
Female	39	21	32
Coastal Region	2,695	1,633	2,804
Male	2,524	1,523	2,616
Female	171	110	188
Northern Region	1,122	737	1,173
Male	1,082	707	1,111
Female	40	30	62
Southern Region	5,244	2,988	6,743
Male	4,864	2,774	6,251
Female	380	214	492

Source: California Department of Corrections

* see map on page 69 for designation of regions.

Table 10

Population of Persons Under Jurisdiction of
Local Criminal Justice Agencies

California

1979-1981

Jurisdiction	1979	1980	1981
Total	241,105	246,452	248,328
Adults	26,993	30,127	33,586
County Jails*	20,511	23,025	25,310
City Jails*	1,276	1,294	1,449
County and City Camps*	5,206	5,808	6,827
Active Adult Probation Caseload	150,566	151,085	152,563
Superior Court	59,207	61,648	64,632
Lower Court	91,359	89,437	87,931
Juveniles	6,488	7,330	7,570
Held in Adult Facilities	192	512	478
Held in Juvenile Facilities	6,296	6,818	7,092
Active Juvenile Probation Caseload	57,058	57,910	54,609

Source: Criminal Justice Profile, California Department of Justice, Bureau of Criminal Statistics.

* Persons under supervision, both sentenced and not sentenced, based on one-day count as of the fourth Thursday in September of each year.

** Persons under supervision, based on a one-day count as of December 31 of each year. Methodology for juveniles held in juvenile facilities differs slightly -- for further information, contact source agency.

LABOR MARKET INFORMATION PRODUCTS, 1983

MAP 2

LABOR MARKET INFORMATION GROUPS
EMPLOYMENT DATA & RESEARCH
EMPLOYMENT DEVELOPMENT DEPARTMENT

LABOR MARKET INFORMATION PRODUCTS, 1983

The Employment Data and Research Division (ED&R) of the Employment Development Department is responsible for a variety of labor market information products. The products are described below. The matrix on the following pages shows which products are prepared for each area within the State. The reports are available upon request from the appropriate Labor Market Information Groups as shown on the preceding page. The statewide reports are available through the Employment Development Department, ED&R, Labor Market Information Section, 800 Capitol Mall, Sacramento, CA, 95814.

1. The Annual Planning Information Report is published annually for the State, all Standard Metropolitan Statistical Areas (SMSA's), CETA Prime Sponsors, and counties. It provides data required for manpower planning purposes and is used by CETA Prime Sponsors. Featured in the report are labor force data on employment and unemployment trends, occupational supply and demand data, population characteristics, and national, state, and local economic trends.

2. Labor Supply and Demand Information is published annually for the State, SMSA's, counties, and CETA Prime Sponsors. It provides a narrative analysis of supply and demand for selected occupations for the upcoming year.

3. The Industry and Occupation Employment Projections Report is published every five years for California, SMSA's, and counties or groups of counties. The report shows the expected change in the number of jobs in an area both by industry and by occupation.

4. The Monthly Labor Market Bulletin is published for California as a whole and the CETA Prime Sponsor counties. It provides a brief narrative and statistical summary of current and anticipated labor market trends including the current unemployment rates.

5. For the SMSA's, the Labor Market Bulletin is issued on a quarterly basis. There is a monthly data sheet issued which contains a statistical summary of the current labor market situation.

Table 11

LABOR MARKET INFORMATION REPORTS

AREA	Annual Planning Information	Labor Supply/demand	Ind./Occ. Employment Projections	Labor Market Bulletin
California	X	X	X	X
Anaheim-Santa Ana-Garden Grove (Orange)*	X	X	X	**
Bakersfield* (Kern)	X	X	X	**
Fresno* (Fresno)	X	X	X	**
Los Angeles-Long Beach (Los Angeles)	X	X	X	**
Modesto* (Stanislaus)	X	X	X	**
Oxnard-Simi Valley-Ventura (Ventura)	X	X	X	**
Riverside-San Bernardino-Ontario* (San Bernardino) (Riverside)	X	X	X	**
Sacramento SMSA	X	X	X	**
Salinas-Seaside-Monterey (Monterey)	X	X	X	**
San Diego (San Diego)	X	X	X	**
San Francisco-Oakland SMSA	X	X	X	**
San Jose SMSA (Santa Clara)	X	X	X	**
Santa Cruz* (Santa Cruz)	X	X	X	**

* Counties coterminous with Prime Sponsor Areas.
** Quarterly Bulletin, monthly data sheet.

Table 11

LABOR MARKET INFORMATION REPORTS

AREA	Annual Planning Information	Labor Supply/demand	Ind./Occ. Employment Projections	Labor Market Bulletin
Santa Rosa* (Sanoma)	X	X	X	**
Santa Barbara-* Santa Maria-Lompoc (Santa Barbara)	X	X	X	**
Stockton SMSA* (San Joaquin)	X	X	X	**
Vallejo-Fairfield-Napa SMSA (Napa) (Solano)	X	X	X	**
PRIME SPONSOR COUNTIES:				
Butte	X	X		
Humboldt	X	X	X	
Imperial	X	X	X	
Merced	X	X	X	
San Luis Obispo	X	X	X	
Mt. Shasta Region	X	X	X	
Tulare	X	X	X	
BALANCE OF STATE COUNTIES:				
Amador	X			
Calaveras	X			
Colusa	X			

* Counties coterminous with Prime Sponsor Areas.
** Quarterly Bulletin, monthly data sheet.

Table 11

LABOR MARKET INFORMATION REPORTS

AREA	Annual Planning Information	Labor Supply/demand	Ind./Occ. Employment Projections	Labor Market Bulletin
Del Norte	X		Combined w/ Humboldt	
EL Dorado	X			
Glenn	X			
Inyo	X			
Kings	X		Combined w/ Tulare	
Lake	X			
Lassen	X			
Madera	X			
Mariposa	X			
Mendocino	X			
Modoc	X			
Mono	X			
Nevada	X			
Plumas	X			
San Benito	X			
Sierra	X			
Siskiyou	X			
Sutter	X			
Tehama	X			
Trinity	X			
Tuolumne	X			
Yuba	Combined w/ Sutter			

TECHNICAL APPENDIX

TECHNICAL APPENDIX

The Current Unemployment Estimating Procedure

Currently, monthly labor statistics (estimates of labor force, civilian employment, unemployment and unemployment rate) for the State of California and the Los Angeles-Long Beach Standard Metropolitan Statistical Area (SMSA) are derived and published by the Bureau of Labor Statistics (BLS) from data developed through the national Current Population Survey (CPS).

The CPS is a monthly nationwide sample of about 55,000 households. Occupants of selected households are interviewed during the week including the 12th day of the month. On the basis of their replies, the national labor statistics are generated monthly. About 5,600 households of the national survey are interviewed in California every month. In the Los Angeles-Long Beach SMSA, the number is about 1,700. The remainder are distributed throughout the other areas of the State, basically in proportion to population share. The State and Los Angeles are the only areas for which statistics are produced in this manner since these are the only areas for which the sample size is large enough to generate monthly data of statistical quality sufficient to meet the BLS standards of reliability.

Unemployment estimates for all other SMSA's, counties and areas for which monthly data are produced are based upon the "43 Step Handbook" method and are adjusted for additivity to the difference between the State total and the total for the Los Angeles-Long Beach SMSA. Employment estimates for these areas are produced through a monthly survey of employers and are revised or "benchmarked" annually to the Unemployment Insurance (UI) payroll tax records and administrative records. Estimates are adjusted for additivity in the same manner as unemployment.

The "Handbook" Method

The "Handbook" methodology is a procedure developed by the Bureau of Labor Statistics of the Department of Labor. It basically uses the data provided by administrative statistics from the Unemployment Insurance program and estimates of noncovered segments to estimate unemployment and draws from an employer survey to estimate the number of employed. These figures are adjusted for additivity to the State CPS total and used to produce the unemployment rate for the various Labor Market Areas.

Disaggregation Methodology

Labor statistics for individual counties of multi-county SMSA's are prepared using the BLS "population-based employment disaggregation" method in conjunction with the "claims-based unemployment disaggregation" method. The procedure uses annual total population estimates to disaggregate multi-county labor market employment data to the county level. Claims data by county of residence and 1970 census population data are used to allocate multi-county labor market unemployment data to the county level. The "census share" method is used to allocate employment and unemployment below the county level in both multi-county labor market areas and in single county labor market areas. The "census share" method uses the proportions of employment and unemployment that existed among the cities and other sub-areas within a county, in the 1970 census, applied to current county estimates to estimate the sub-county levels of employment and unemployment.

STATISTICAL APPENDIX

TABLE 12

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, NOT ADJUSTED FOR SEASONALITY

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
1970	JAN	80,718	77,313	3,406	4.2
	FEB	81,283	77,489	3,794	4.7
	MAR	81,689	77,957	3,732	4.6
	APR	81,960	78,408	3,552	4.3
	MAY	81,758	78,374	3,385	4.1
	JUN	84,087	79,416	4,671	5.6
	JUL	84,857	80,343	4,514	5.3
	AUG	84,191	79,965	4,226	5.0
	SEP	82,641	78,341	4,300	5.2
	OCT	83,288	79,019	4,269	5.1
	NOV	83,478	78,860	4,618	5.5
	DEC	83,301	78,651	4,650	5.6
ANN	AVG	82,771	78,678	4,093	4.9
1971	JAN	82,818	77,389	5,429	6.6
	FEB	82,885	77,427	5,458	6.6
	MAR	82,866	77,675	5,190	6.3
	APR	83,116	78,404	4,712	5.7
	MAY	83,344	78,929	4,415	5.3
	JUN	85,228	79,717	5,511	6.5
	JUL	86,296	80,942	5,354	6.2
	AUG	85,594	80,897	5,086	5.9
	SEP	84,456	79,589	4,867	5.8
	OCT	84,974	80,375	4,599	5.4
	NOV	85,374	80,527	4,846	5.7
	DEC	85,255	80,527	4,728	5.5
ANN	AVG	84,382	79,367	5,016	5.9
1972	JAN	84,940	79,459	5,481	6.5
	FEB	85,180	79,734	5,446	6.4
	MAR	85,828	80,578	5,250	6.1
	APR	85,759	81,027	4,732	5.5
	MAY	86,028	81,646	4,382	5.1
	JUN	88,540	83,073	5,467	6.2
	JUL	89,127	83,911	5,216	5.9
	AUG	88,894	83,993	4,901	5.5
	SEP	87,242	82,537	4,705	5.4
	OCT	87,741	83,223	4,518	5.1
	NOV	87,548	83,231	4,317	4.9
	DEC	87,593	83,424	4,169	4.8
ANN	AVG	87,034	82,153	4,882	5.6
1973	JAN	86,327	81,598	4,730	5.5
	FEB	87,303	82,405	4,898	5.6
	MAR	87,961	83,397	4,564	5.2
	APR	88,127	83,900	4,227	4.8
	MAY	88,238	84,383	3,855	4.4
	JUN	91,124	86,217	4,907	5.4
	JUL	91,655	87,042	4,613	5.0
	AUG	90,888	86,616	4,273	4.7

TABLE 12 (CONTINUED)

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, NOT ADJUSTED FOR SEASONALITY

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
	SEP	89,782	85,552	4,230	4.7
	OCT	90,547	86,717	3,830	4.2
	NOV	90,690	86,562	4,127	4.6
	DEC	90,520	86,390	4,130	4.6
ANN	AVG	89,429	85,064	4,365	4.9
1974	JAN	89,924	84,843	5,081	5.7
	FEB	90,273	85,061	5,212	5.8
	MAR	90,486	85,659	4,826	5.3
	APR	90,366	85,994	4,372	4.8
	MAY	90,830	86,611	4,219	4.6
	JUN	93,481	88,022	5,459	5.8
	JUL	94,238	88,897	5,341	5.7
	AUG	93,446	88,479	4,967	5.3
	SEP	92,449	87,162	5,287	5.7
	OCT	92,909	87,779	5,131	5.5
	NOV	92,638	86,863	5,775	6.2
	DEC	92,368	86,169	6,199	6.7
ANN	AVG	91,949	86,794	5,156	5.6
1975	JAN	92,200	83,928	8,272	9.0
	FEB	91,972	83,573	8,399	9.1
	MAR	92,464	84,108	8,446	9.1
	APR	92,459	84,551	7,908	8.6
	MAY	92,888	85,173	7,715	8.3
	JUN	95,174	86,507	8,667	9.1
	JUL	96,053	87,742	8,311	8.7
	AUG	95,525	87,726	7,799	8.2
	SEP	94,023	86,399	7,624	8.1
	OCT	94,510	87,160	7,350	7.8
	NOV	94,041	86,700	7,341	7.8
	DEC	93,995	86,689	7,307	7.8
ANN	AVG	93,775	85,846	7,929	8.5
1976	JAN	93,938	85,652	8,286	8.8
	FEB	94,075	85,932	8,143	8.7
	MAR	94,400	86,769	7,631	8.1
	APR	94,782	87,786	6,996	7.4
	MAY	94,925	88,510	6,415	6.8
	JUN	97,499	89,727	7,772	8.0
	JUL	98,605	90,908	7,697	7.8
	AUG	98,133	90,690	7,443	7.6
	SEP	96,430	89,281	7,148	7.4
	OCT	96,999	90,041	6,958	7.2
	NOV	97,116	89,892	7,224	7.4
	DEC	97,004	89,850	7,154	7.4
ANN	AVG	96,158	88,752	7,406	7.7

TABLE 12 (CONTINUED)

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, NOT ADJUSTED FOR SEASONALITY

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
1977	JAN	96,197	88,217	7,980	8.3
	FEB	96,837	88,601	8,237	8.5
	MAR	97,277	89,597	7,680	7.9
	APR	97,352	90,660	6,692	6.9
	MAY	97,755	91,475	6,280	6.4
	JUN	100,743	93,154	7,589	7.5
	JUL	100,960	93,879	7,081	7.0
	AUG	100,744	93,846	6,897	6.8
	SEP	99,367	92,788	6,579	6.6
	OCT	100,144	93,779	6,365	6.4
	NOV	100,522	94,027	6,495	6.5
	DEC	100,213	94,183	6,031	6.0
ANN	AVG	99,009	92,017	6,991	7.1
1978	JAN	99,664	92,616	7,048	7.1
	FEB	99,641	92,755	6,886	6.9
	MAR	100,166	93,545	6,621	6.6
	APR	100,610	94,783	5,826	5.8
	MAY	101,092	95,486	5,605	5.5
	JUN	104,010	97,530	6,481	6.2
	JUL	104,512	97,917	6,597	6.3
	AUG	103,946	97,855	6,090	5.9
	SEP	102,748	96,790	5,958	5.8
	OCT	103,474	97,851	5,624	5.4
	NOV	103,586	97,788	5,797	5.6
	DEC	103,565	97,669	5,896	5.7
ANN	AVG	102,251	96,048	6,202	6.1
1979	JAN	102,802	96,201	6,602	6.4
	FEB	103,185	96,536	6,649	6.4
	MAR	103,606	97,282	6,325	6.1
	APR	103,198	97,478	5,720	5.5
	MAY	103,476	98,057	5,419	5.2
	JUN	106,210	99,800	6,407	6.0
	JUL	107,096	100,814	6,282	5.9
	AUG	106,489	100,174	6,315	5.9
	SEP	105,510	99,533	5,978	5.7
	OCT	106,084	100,120	5,964	5.6
	NOV	105,871	99,907	5,964	5.6
	DEC	106,040	100,013	6,027	5.7
ANN	AVG	104,962	98,824	6,137	5.8
1980	JAN	105,344	98,111	7,234	6.9
	FEB	105,412	98,235	7,177	6.8
	MAR	105,510	98,527	6,983	6.6
	APR	105,592	98,569	7,023	6.7
	MAY	106,233	98,732	7,501	7.1

TABLE 12 (CONTINUED)

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, NOT ADJUSTED FOR SEASONALITY

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
	JUN	108,311	99,830	8,481	7.8
	JUL	109,268	100,665	8,603	7.9
	AUG	108,404	100,202	8,202	7.6
	SEP	106,989	99,334	7,655	7.2
	OCT	107,673	99,999	7,674	7.1
	NOV	107,532	99,850	7,682	7.1
	DEC	107,009	99,579	7,430	6.9
ANN	AVG	106,940	99,303	7,637	7.1
1981	JAN	106,685	98,139	8,746	8.2
	FEB	107,015	98,401	8,614	8.0
	MAR	107,634	99,364	8,271	7.7
	APR	107,906	100,345	7,561	7.0
	MAY	108,586	100,855	7,731	7.1
	JUN	109,904	101,419	8,485	7.7
	JUL	110,742	102,612	8,130	7.3
	AUG	110,099	102,152	7,947	7.2
	SEP	108,283	100,389	7,884	7.3
	OCT	109,244	101,028	8,216	7.5
	NOV	109,179	100,502	8,676	7.9
	DEC	108,574	99,562	9,013	8.3
ANN	AVG	108,670	100,397	8,273	7.6
1982	JAN	108,014	97,831	10,183	9.4
	FEB	108,324	97,946	10,378	9.6
	MAR	108,761	98,471	10,290	9.5
	APR	108,814	98,858	9,957	9.2
	MAY	109,914	99,957	9,957	9.1
	JUN	111,569	100,683	10,886	9.8
	JUL	112,526	101,490	11,036	9.8
	AUG	111,887	101,177	10,710	9.6
	SEP	110,546	99,851	10,695	9.7
	OCT	110,767	99,825	10,942	9.9
	NOV	110,855	99,379	11,476	10.4
	DEC	110,477	98,849	11,628	10.5
ANN	AVG	110,204	99,526	10,678	9.7

SOURCE: U.S. DEPARTMENT OF LABOR, BUREAU OF LABOR STATISTICS

TABLE 13

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, SEASONALLY ADJUSTED

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
1970	JAN	80,719	77,313	3,406	4.2
	FEB	81,283	77,489	3,794	4.7
	MAR	81,689	77,957	3,732	4.6
	APR	81,960	78,408	3,552	4.3
	MAY	81,740	78,357	3,383	4.1
	JUN	84,050	79,382	4,668	5.6
	JUL	84,800	80,291	4,509	5.3
	AUG	84,115	79,895	4,220	5.0
	SEP	82,546	78,254	4,292	5.2
	OCT	83,175	78,916	4,259	5.1
	NOV	83,347	78,740	4,607	5.5
	DEC	83,152	78,515	4,637	5.6
ANN	AVG	82,715	78,626	4,088	4.9
1971	JAN	82,652	77,238	5,414	6.6
	FEB	82,702	77,260	5,442	6.6
	MAR	82,666	77,492	5,174	6.3
	APR	82,898	78,204	4,694	5.7
	MAY	83,105	78,710	4,395	5.3
	JUN	84,966	79,477	5,489	6.5
	JUL	86,012	80,682	5,330	6.2
	AUG	85,680	80,619	5,061	5.9
	SEP	84,135	79,295	4,840	5.8
	OCT	84,635	80,065	4,570	5.4
	NOV	85,018	80,203	4,815	5.7
	DEC	84,883	80,188	4,695	5.5
ANN	AVG	84,113	79,119	4,993	5.9
1972	JAN	84,553	79,106	5,447	6.4
	FEB	84,778	79,366	5,412	6.4
	MAR	85,411	80,195	5,216	6.1
	APR	85,323	80,626	4,697	5.5
	MAY	85,569	81,225	4,344	5.1
	JUN	88,054	82,628	5,426	6.2
	JUL	88,615	83,443	5,173	5.8
	AUG	88,362	83,506	4,856	5.5
	SEP	86,694	82,035	4,659	5.4
	OCT	87,177	82,707	4,470	5.1
	NOV	86,968	82,702	4,266	4.9
	DEC	86,998	82,882	4,116	4.7
ANN	AVG	86,542	81,702	4,840	5.6
1973	JAN	85,719	81,043	4,676	5.5
	FEB	86,682	81,837	4,845	5.6
	MAR	87,326	82,814	4,512	5.2
	APR	87,473	83,299	4,174	4.8
	MAY	87,558	83,759	3,799	4.3
	JUN	90,413	85,556	4,847	5.4
	JUL	90,917	86,367	4,550	5.0
	AUG	90,129	85,920	4,209	4.7

TABLE 13 (CONTINUED)

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, SEASONALLY ADJUSTED

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
	SEP	89,007	84,842	4,165	4.7
	OCT	89,757	85,994	3,763	4.2
	NOV	89,885	85,828	4,057	4.5
	DEC	89,702	85,644	4,058	4.5
ANN	AVG	88,714	84,409	4,305	4.9
1974	JAN	89,095	84,087	5,008	5.6
	FEB	89,433	84,293	5,140	5.7
	MAR	89,633	84,877	4,756	5.3
	APR	89,494	85,193	4,301	4.8
	MAY	89,929	85,785	4,144	4.6
	JUN	92,546	87,166	5,380	5.8
	JUL	93,273	88,014	5,259	5.6
	AUG	92,459	87,575	4,884	5.3
	SEP	91,447	86,244	5,203	5.7
	OCT	91,893	86,849	5,044	5.5
	NOV	91,609	85,924	5,685	6.2
	DEC	91,327	85,220	6,107	6.7
ANN	AVG	91,012	85,936	5,076	5.6
1975	JAN	91,149	82,970	8,179	9.0
	FEB	90,913	82,604	8,309	9.1
	MAR	91,394	83,036	8,358	9.1
	APR	91,369	83,549	7,820	8.6
	MAY	91,767	84,145	7,622	8.3
	JUN	94,015	85,446	8,569	9.1
	JUL	94,861	86,651	8,210	8.7
	AUG	94,310	86,613	7,697	8.2
	SEP	92,794	85,273	7,521	8.1
	OCT	93,268	86,024	7,244	7.8
	NOV	92,787	85,556	7,231	7.8
	DEC	92,731	85,536	7,195	7.8
ANN	AVG	92,613	84,784	7,830	8.5
1976	JAN	92,666	84,492	8,174	8.8
	FEB	92,797	84,763	8,034	8.7
	MAR	93,112	85,587	7,525	8.1
	APR	93,474	86,584	6,890	7.4
	MAY	93,583	87,279	6,304	6.7
	JUN	96,115	88,460	7,655	8.0
	JUL	97,186	89,609	7,577	7.8
	AUG	96,690	89,368	7,322	7.6
	SEP	94,974	87,948	7,026	7.4
	OCT	95,531	88,698	6,833	7.2
	NOV	95,638	88,543	7,095	7.4
	DEC	95,517	88,494	7,023	7.4
ANN	AVG	94,774	87,485	7,288	7.7

TABLE 13 (CONTINUED)

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, SEASONALLY ADJUSTED

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
1977	JAN	94,704	86,856	7,848	8.3
	FEB	95,340	87,231	8,109	8.5
	MAR	95,771	88,215	7,556	7.9
	APR	95,826	89,258	6,568	6.9
	MAY	96,193	90,042	6,151	6.4
	JUN	99,135	91,682	7,453	7.5
	JUL	99,314	92,372	6,941	7.0
	AUG	99,073	92,315	6,757	6.8
	SEP	97,684	91,247	6,437	6.6
	OCT	98,451	92,230	6,221	6.3
	NOV	98,819	92,473	6,346	6.4
	DEC	98,503	92,623	5,880	6.0
ANN	AVG	97,401	90,545	6,856	7.0
1978	JAN	100,873	98,384	6,489	6.4
	FEB	100,837	94,519	6,318	6.3
	MAR	101,092	94,755	6,337	6.3
	APR	101,574	95,394	6,180	6.1
	MAY	101,896	95,769	6,127	6.0
	JUN	102,371	96,343	6,028	5.9
	JUL	102,399	96,090	6,309	6.2
	AUG	102,511	96,431	6,080	5.9
	SEP	102,795	96,670	6,125	6.0
	OCT	103,080	97,133	5,947	5.8
	NOV	103,562	97,485	6,077	5.9
	DEC	103,809	97,581	6,228	6.0
ANN	AVG	102,251	96,048	6,202	6.1
1979	JAN	104,056	97,944	6,112	5.9
	FEB	104,472	98,299	6,173	5.9
	MAR	104,557	98,453	6,104	5.8
	APR	104,156	98,094	6,062	5.8
	MAY	104,174	98,313	5,861	5.6
	JUN	104,635	98,685	5,950	5.7
	JUL	104,999	99,013	5,986	5.7
	AUG	105,110	98,797	6,313	6.0
	SEP	105,549	99,366	6,183	5.9
	OCT	105,718	99,420	6,298	6.0
	NOV	105,838	99,590	6,248	5.9
	DEC	106,313	99,952	6,361	6.0
ANN	AVG	104,962	98,824	6,137	5.8
1980	JAN	106,546	99,872	6,674	6.3
	FEB	106,637	99,963	6,674	6.3
	MAR	106,394	99,677	6,717	6.3
	APR	106,552	99,204	7,348	6.9
	MAY	106,892	98,922	7,970	7.5

TABLE 13 (CONTINUED)

CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES: 1970 - 1982
IN THOUSANDS, SEASONALLY ADJUSTED

		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
	JUN	106,832	98,769	8,063	7.5
	JUL	107,169	98,816	8,353	7.8
	AUG	107,116	98,829	8,287	7.7
	SEP	107,148	99,104	8,044	7.5
	OCT	107,438	99,327	8,111	7.5
	NOV	107,596	99,567	8,029	7.5
	DEC	107,446	99,650	7,796	7.3
ANN	AVG	106,940	99,303	7,637	7.1
1981	JAN	108,012	99,964	8,048	7.5
	FEB	108,175	100,143	8,032	7.4
	MAR	108,471	100,504	7,967	7.3
	APR	108,866	101,006	7,860	7.2
	MAY	109,101	100,968	8,133	7.5
	JUN	108,440	100,393	8,047	7.4
	JUL	108,602	100,748	7,854	7.2
	AUG	108,762	100,709	8,053	7.4
	SEP	108,375	100,104	8,271	7.6
	OCT	109,028	100,355	8,673	8.0
	NOV	109,254	100,299	9,025	8.3
	DEC	109,066	99,677	9,389	8.6
ANN	AVG	108,670	100,397	8,273	7.6
1982	JAN	109,034	99,688	9,346	8.6
	FEB	109,364	99,695	9,669	8.8
	MAR	109,478	99,597	9,881	9.0
	APR	109,740	99,484	10,256	9.3
	MAY	110,378	99,994	10,384	9.4
	JUN	110,147	99,681	10,466	9.5
	JUL	110,416	99,588	10,828	9.8
	AUG	110,614	99,683	10,931	9.9
	SEP	110,858	99,543	11,315	10.2
	OCT	110,752	99,176	11,576	10.5
	NOV	111,042	99,136	11,906	10.7
	DEC	111,129	99,093	12,036	10.8
ANN	AVG	110,204	99,526	10,678	9.7

SOURCE: U.S. DEPARTMENT OF LABOR, BUREAU OF LABOR STATISTICS

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
1	40	JAN40	2877	2482	395	13.7	2842	2410	432	15.2
2	40	FEB40	2839	2503	336	11.8	2829	2412	417	14.7
3	40	MAR40	2844	2519	325	11.4	2827	2432	395	14.0
4	40	APR40	2887	2538	349	12.1	2905	2482	423	14.6
5	40	MAY40	2930	2567	363	12.4	2934	2546	388	13.2
6	40	JUN40	2935	2574	361	12.3	2929	2577	352	12.0
7	40	JUL40	2964	2555	409	13.8	3026	2607	419	13.8
8	40	AUG40	3039	2614	425	14.0	3089	2717	372	12.0
9	40	SEP40	3047	2641	406	13.3	3089	2752	337	10.9
10	40	OCT40	3131	2671	460	14.7	3067	2741	326	10.6
11	40	NOV40	3072	2665	407	13.2	3003	2664	339	11.3
12	40	DEC40	3097	2706	391	12.6	3058	2703	355	11.6
13	41	JAN41	3080	2721	359	11.7	3035	2642	393	12.9
14	41	FEB41	3059	2744	315	10.3	3040	2647	393	12.9
15	41	MAR41	3061	2772	289	9.4	3038	2680	358	11.8
16	41	APR41	3104	2818	286	9.2	3107	2759	348	11.2
17	41	MAY41	3131	2858	273	8.7	3129	2836	293	9.4
18	41	JUN41	3190	2906	284	8.9	3189	2911	278	8.7
19	41	JUL41	3213	2945	268	8.3	3278	3006	272	8.3
20	41	AUG41	3292	2998	294	8.9	3365	3113	252	7.5
21	41	SEP41	3336	3041	295	8.8	3405	3164	241	7.1
22	41	OCT41	3397	3085	312	9.2	3380	3161	219	6.5
23	41	NOV41	3393	3105	288	8.5	3340	3102	238	7.1
24	41	DEC41	3427	3122	305	8.9	3393	3117	276	8.1
25	42	JAN42	3402	3162	240	7.1	3334	3071	263	7.9
26	42	FEB42	3434	3181	253	7.4	3391	3072	319	9.4
27	42	MAR42	3394	3183	211	6.2	3355	3084	271	8.1
28	42	APR42	3434	3235	199	5.8	3418	3173	245	7.2
29	42	MAY42	3462	3280	182	5.3	3451	3256	195	5.7
30	42	JUN42	3480	3315	165	4.7	3486	3324	162	4.6
31	42	JUL42	3521	3373	148	4.2	3592	3444	148	4.1
32	42	AUG42	3580	3426	154	4.3	3681	3553	128	3.5
33	42	SEP42	3597	3492	105	2.9	3710	3626	84	2.3
34	42	OCT42	3613	3538	75	2.1	3671	3619	52	1.4
35	42	NOV42	3624	3575	49	1.4	3610	3570	40	1.1
36	42	DEC42	3649	3610	39	1.1	3639	3604	35	1.0
37	43	JAN43	3664	3630	34	0.9	3564	3527	37	1.0
38	43	FEB43	3712	3677	35	0.9	3598	3554	44	1.2
39	43	MAR43	3749	3717	32	0.9	3652	3610	42	1.2
40	43	APR43	3789	3763	26	0.7	3726	3694	32	0.9
41	43	MAY43	3792	3766	26	0.7	3770	3742	28	0.7
42	43	JUN43	3826	3803	23	0.6	3838	3815	23	0.6
43	43	JUL43	3828	3807	21	0.5	3908	3887	21	0.5
44	43	AUG43	3824	3807	17	0.4	3953	3939	14	0.4
45	43	SEP43	3813	3796	17	0.4	3944	3931	13	0.3
46	43	OCT43	3835	3818	17	0.4	3908	3896	12	0.3
47	43	NOV43	3863	3845	18	0.5	3849	3834	15	0.4

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/EDIR/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
48	43	DEC43	3830	3809	21	0.5	3818	3799	19	0.5
49	44	JAN44	3870	3844	26	0.7	3774	3745	29	0.8
50	44	FEB44	3909	3880	29	0.7	3794	3757	37	1.0
51	44	MAR44	3914	3881	33	0.8	3824	3780	44	1.2
52	44	APR44	3910	3878	32	0.8	3851	3811	40	1.0
53	44	MAY44	3888	3857	31	0.8	3871	3838	33	0.9
54	44	JUN44	3887	3857	30	0.8	3900	3870	30	0.8
55	44	JUL44	3883	3855	28	0.7	3959	3932	27	0.7
56	44	AUG44	3864	3836	28	0.7	3983	3961	22	0.6
57	44	SEP44	3864	3833	31	0.8	3986	3962	24	0.6
58	44	OCT44	3865	3832	33	0.9	3928	3905	23	0.6
59	44	NOV44	3885	3848	37	1.0	3866	3836	30	0.8
60	44	DEC44	3901	3861	40	1.0	3890	3854	36	0.9
61	45	JAN45	3933	3890	43	1.1	3846	3797	49	1.3
62	45	FEB45	3951	3908	43	1.1	3844	3789	55	1.4
63	45	MAR45	3911	3863	48	1.2	3833	3768	65	1.7
64	45	APR45	3882	3832	50	1.3	3825	3763	62	1.6
65	45	MAY45	3868	3816	52	1.3	3855	3800	55	1.4
66	45	JUN45	3849	3781	68	1.8	3860	3792	68	1.8
67	45	JUL45	3852	3771	81	2.1	3916	3838	78	2.0
68	45	AUG45	3845	3765	80	2.1	3944	3880	64	1.6
69	45	SEP45	3877	3685	192	5.0	3953	3807	146	3.7
70	45	OCT45	3956	3623	333	8.4	3925	3694	231	5.9
71	45	NOV45	3898	3587	311	8.0	3833	3579	254	6.6
72	45	DEC45	3968	3641	327	8.2	3944	3643	301	7.6
73	46	JAN46	4008	3683	325	8.1	3973	3601	372	9.4
74	46	FEB46	4053	3701	352	8.7	4036	3589	447	11.1
75	46	MAR46	4097	3749	348	8.5	4118	3655	463	11.2
76	46	APR46	4175	3783	392	9.4	4193	3708	485	11.6
77	46	MAY46	4246	3829	417	9.8	4243	3812	431	10.2
78	46	JUN46	4289	3862	427	10.0	4304	3872	432	10.0
79	46	JUL46	4310	3901	409	9.5	4351	3959	392	9.0
80	46	AUG46	4317	3934	383	8.9	4366	4048	318	7.3
81	46	SEP46	4387	4022	365	8.3	4436	4159	277	6.2
82	46	OCT46	4332	3964	368	8.5	4310	4053	257	6.0
83	46	NOV46	4297	3973	324	7.5	4238	3973	265	6.3
84	46	DEC46	4339	4011	328	7.6	4330	4024	306	7.1
85	47	JAN47	4344	4035	309	7.1	4305	3947	358	8.3
86	47	FEB47	4343	4031	312	7.2	4299	3905	394	9.2
87	47	MAR47	4332	4026	306	7.1	4314	3918	396	9.2
88	47	APR47	4353	4031	322	7.4	4332	3942	390	9.0
89	47	MAY47	4387	4054	333	7.6	4373	4032	341	7.8
90	47	JUN47	4382	4029	353	8.1	4402	4039	363	8.2
91	47	JUL47	4389	4007	382	8.7	4422	4054	368	8.3
92	47	AUG47	4435	4073	362	8.2	4494	4184	310	6.9
93	47	SEP47	4416	4087	329	7.5	4484	4234	250	5.6
94	47	OCT47	4397	4112	285	6.5	4420	4220	200	4.5

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
95	47	NOV47	4381	4131	250	5.7	4348	4144	204	4.7
96	47	DEC47	4409	4136	273	6.2	4419	4162	257	5.8
97	48	JAN48	4435	4145	290	6.5	4392	4051	341	7.8
98	48	FEB48	4428	4143	285	6.4	4370	4010	360	8.2
99	48	MAR48	4443	4144	299	6.7	4401	4023	378	8.6
100	48	APR48	4445	4135	310	7.0	4400	4037	363	8.2
101	48	MAY48	4437	4145	292	6.6	4414	4117	297	6.7
102	48	JUN48	4464	4189	275	6.2	4488	4200	288	6.4
103	48	JUL48	4491	4204	287	6.4	4519	4240	279	6.2
104	48	AUG48	4461	4155	306	6.9	4528	4261	267	5.9
105	48	SEP48	4543	4245	298	6.6	4629	4403	226	4.9
106	48	OCT48	4507	4191	316	7.0	4539	4318	221	4.9
107	48	NOV48	4491	4187	304	6.8	4462	4214	248	5.6
108	48	DEC48	4541	4196	345	7.6	4560	4233	327	7.2
109	49	JAN49	4489	4145	344	7.7	4459	4045	414	9.3
110	49	FEB49	4513	4131	382	8.5	4483	3997	486	10.8
111	49	MAR49	4529	4101	428	9.5	4505	3974	531	11.8
112	49	APR49	4551	4125	426	9.4	4504	4024	480	10.7
113	49	MAY49	4543	4136	407	9.0	4515	4102	413	9.1
114	49	JUN49	4510	4136	374	8.3	4546	4149	397	8.7
115	49	JUL49	4546	4104	442	9.7	4562	4131	431	9.4
116	49	AUG49	4560	4102	458	10.0	4602	4200	402	8.7
117	49	SEP49	4587	4122	465	10.1	4628	4277	351	7.6
118	49	OCT49	4599	4146	453	9.8	4599	4282	317	6.9
119	49	NOV49	4573	4137	436	9.5	4533	4172	361	8.0
120	49	DEC49	4558	4136	422	9.3	4584	4178	406	8.9
121	50	JAN50	4445	4003	442	9.9	4445	3901	544	12.2
122	50	FEB50	4425	4009	416	9.4	4413	3880	533	12.1
123	50	MAR50	4427	4038	389	8.8	4388	3911	477	10.9
124	50	APR50	4457	4093	364	8.2	4386	3993	393	9.0
125	50	MAY50	4471	4103	368	8.2	4436	4067	369	8.3
126	50	JUN50	4477	4122	355	7.9	4517	4139	378	8.4
127	50	JUL50	4488	4159	329	7.3	4502	4181	321	7.1
128	50	AUG50	4503	4203	300	6.7	4558	4296	262	5.7
129	50	SEP50	4508	4234	274	6.1	4597	4391	206	4.5
130	50	OCT50	4562	4262	300	6.6	4617	4406	211	4.6
131	50	NOV50	4538	4280	258	5.7	4541	4321	220	4.8
132	50	DEC50	4571	4314	257	5.6	4612	4360	252	5.5
133	51	JAN51	4583	4355	228	5.0	4525	4240	285	6.3
134	51	FEB51	4581	4402	179	3.9	4495	4263	232	5.2
135	51	MAR51	4621	4430	191	4.1	4521	4290	231	5.1
136	51	APR51	4626	4441	185	4.0	4528	4336	192	4.2
137	51	MAY51	4642	4440	202	4.4	4603	4403	200	4.3
138	51	JUN51	4661	4455	206	4.4	4698	4478	220	4.7
139	51	JUL51	4661	4459	202	4.3	4678	4481	197	4.2
140	51	AUG51	4676	4468	208	4.4	4741	4561	180	3.8
141	51	SEP51	4708	4497	211	4.5	4817	4659	158	3.3

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
142	51	OCT51	4734	4533	201	4.2	4826	4683	143	3.0
143	51	NOV51	4755	4556	199	4.2	4774	4598	176	3.7
144	51	DEC51	4784	4576	208	4.3	4832	4623	209	4.3
145	52	JAN52	4810	4597	213	4.4	4741	4473	268	5.7
146	52	FEB52	4857	4642	215	4.4	4780	4501	279	5.8
147	52	MAR52	4831	4619	212	4.4	4731	4478	253	5.3
148	52	APR52	4830	4624	206	4.3	4726	4520	206	4.4
149	52	MAY52	4857	4649	208	4.3	4819	4615	204	4.2
150	52	JUN52	4881	4678	203	4.2	4924	4707	217	4.4
151	52	JUL52	4892	4682	210	4.3	4910	4706	204	4.2
152	52	AUG52	4930	4731	199	4.0	4995	4824	171	3.4
153	52	SEP52	4929	4736	193	3.9	5046	4902	144	2.9
154	52	OCT52	4959	4768	191	3.9	5056	4918	138	2.7
155	52	NOV52	4996	4795	201	4.0	5019	4836	183	3.6
156	52	DEC52	5021	4823	198	3.9	5071	4869	202	4.0
157	53	JAN53	5037	4842	195	3.9	4955	4709	246	5.0
158	53	FEB53	5079	4869	210	4.1	4998	4725	273	5.5
159	53	MAR53	5060	4870	190	3.8	4951	4726	225	4.5
160	53	APR53	5056	4867	189	3.7	4946	4762	184	3.7
161	53	MAY53	5063	4874	189	3.7	5027	4844	183	3.6
162	53	JUN53	5040	4841	199	3.9	5090	4878	212	4.2
163	53	JUL53	5073	4875	198	3.9	5095	4902	193	3.8
164	53	AUG53	5061	4856	205	4.1	5126	4951	175	3.4
165	53	SEP53	5079	4867	212	4.2	5191	5033	158	3.0
166	53	OCT53	5070	4854	216	4.3	5156	4997	159	3.1
167	53	NOV53	5076	4841	235	4.6	5096	4877	219	4.3
168	53	DEC53	5070	4844	226	4.5	5117	4884	233	4.6
169	54	JAN54	5082	4856	226	4.4	5004	4720	284	5.7
170	54	FEB54	5055	4825	230	4.5	4983	4685	298	6.0
171	54	MAR54	5074	4818	256	5.0	4983	4681	302	6.1
172	54	APR54	5116	4839	277	5.4	5003	4737	266	5.3
173	54	MAY54	5105	4843	262	5.1	5070	4819	251	5.0
174	54	JUN54	5093	4831	262	5.1	5153	4876	277	5.4
175	54	JUL54	5102	4849	253	5.0	5126	4879	247	4.8
176	54	AUG54	5103	4843	260	5.1	5159	4937	222	4.3
177	54	SEP54	5110	4849	261	5.1	5208	5013	195	3.7
178	54	OCT54	5136	4874	262	5.1	5206	5010	196	3.8
179	54	NOV54	5173	4910	263	5.1	5191	4942	249	4.8
180	54	DEC54	5186	4938	248	4.8	5227	4971	256	4.9
181	55	JAN55	5188	4952	236	4.5	5106	4811	295	5.8
182	55	FEB55	5213	4989	224	4.3	5132	4843	289	5.6
183	55	MAR55	5243	5024	219	4.2	5140	4882	258	5.0
184	55	APR55	5269	5059	210	4.0	5157	4956	201	3.9
185	55	MAY55	5261	5056	205	3.9	5232	5037	195	3.7
186	55	JUN55	5285	5088	197	3.7	5352	5144	208	3.9
187	55	JUL55	5299	5102	197	3.7	5329	5136	193	3.6
188	55	AUG55	5320	5127	193	3.6	5395	5230	165	3.1

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1948 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1948-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
189	55	SEP55	5352	5163	189	3.5	5478	5336	142	2.6
190	55	OCT55	5364	5167	197	3.7	5455	5306	149	2.7
191	55	NOV55	5400	5206	194	3.6	5419	5234	185	3.4
192	55	DEC55	5403	5200	203	3.8	5434	5226	208	3.8
193	56	JAN56	5440	5244	196	3.6	5337	5094	243	4.6
194	56	FEB56	5479	5292	187	3.4	5375	5134	241	4.5
195	56	MAR56	5499	5323	176	3.2	5382	5174	208	3.9
196	56	APR56	5495	5313	182	3.3	5383	5210	173	3.2
197	56	MAY56	5514	5339	175	3.2	5493	5326	167	3.0
198	56	JUN56	5571	5377	194	3.5	5647	5442	205	3.6
199	56	JUL56	5571	5376	195	3.5	5608	5416	192	3.4
200	56	AUG56	5610	5417	193	3.4	5694	5528	166	2.9
201	56	SEP56	5626	5434	192	3.4	5759	5613	146	2.5
202	56	OCT56	5630	5457	173	3.1	5732	5599	133	2.3
203	56	NOV56	5662	5467	195	3.4	5674	5489	185	3.3
204	56	DEC56	5682	5485	197	3.5	5703	5503	200	3.5
205	57	JAN57	5716	5514	202	3.5	5606	5358	248	4.4
206	57	FEB57	5757	5527	230	4.0	5654	5359	295	5.2
207	57	MAR57	5756	5545	211	3.7	5641	5392	249	4.4
208	57	APR57	5779	5565	214	3.7	5665	5462	203	3.6
209	57	MAY57	5801	5583	218	3.8	5785	5576	209	3.6
210	57	JUN57	5800	5580	220	3.8	5885	5652	233	4.0
211	57	JUL57	5820	5582	238	4.1	5863	5628	235	4.0
212	57	AUG57	5819	5575	244	4.2	5902	5690	212	3.6
213	57	SEP57	5837	5576	261	4.5	5955	5754	201	3.4
214	57	OCT57	5824	5553	271	4.7	5904	5694	210	3.6
215	57	NOV57	5843	5535	308	5.3	5842	5551	291	5.0
216	57	DEC57	5835	5510	325	5.6	5848	5522	326	5.6
217	58	JAN58	5861	5519	342	5.8	5782	5367	415	7.2
218	58	FEB58	5843	5474	369	6.3	5779	5307	472	8.2
219	58	MAR58	5846	5455	391	6.7	5768	5307	461	8.0
220	58	APR58	5883	5415	468	8.0	5767	5321	446	7.7
221	58	MAY58	5892	5482	410	7.0	5874	5480	394	6.7
222	58	JUN58	5883	5497	386	6.6	5978	5569	409	6.8
223	58	JUL58	5898	5510	388	6.6	5943	5560	383	6.4
224	58	AUG58	5928	5544	384	6.5	5996	5657	339	5.7
225	58	SEP58	5934	5552	382	6.4	6021	5722	299	5.0
226	58	OCT58	5957	5602	355	6.0	6016	5738	278	4.6
227	58	NOV58	5952	5617	335	5.6	5941	5627	314	5.3
228	58	DEC58	5964	5646	318	5.3	5978	5654	316	5.3
229	59	JAN59	5978	5652	326	5.5	5890	5502	388	6.6
230	59	FEB59	6004	5697	307	5.1	5914	5524	390	6.6
231	59	MAR59	6044	5750	294	4.9	5943	5597	346	5.8
232	59	APR59	6061	5783	278	4.6	5957	5691	266	4.5
233	59	MAY59	6084	5809	275	4.5	6076	5811	265	4.4
234	59	JUN59	6092	5815	277	4.5	6186	5891	295	4.8
235	59	JUL59	6128	5853	275	4.5	6180	5909	271	4.4

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
236	59	AUG59	6131	5851	280	4.6	6219	5968	251	4.0
237	59	SEP59	6147	5870	277	4.5	6262	6041	221	3.5
238	59	OCT59	6147	5851	296	4.8	6218	5984	234	3.8
239	59	NOV59	6194	5897	297	4.8	6179	5902	277	4.5
240	59	DEC59	6216	5917	299	4.8	6220	5925	295	4.7
241	60	JAN60	6228	5920	308	4.9	6129	5769	360	5.9
242	60	FEB60	6258	5944	314	5.0	6164	5767	397	6.4
243	60	MAR60	6272	5943	329	5.2	6176	5791	385	6.2
244	60	APR60	6295	5957	338	5.4	6194	5870	324	5.2
245	60	MAY60	6290	5939	351	5.6	6284	5944	340	5.4
246	60	JUN60	6289	5925	364	5.8	6389	6001	388	6.1
247	60	JUL60	6302	5928	374	5.9	6356	5987	369	5.8
248	60	AUG60	6309	5920	389	6.2	6387	6033	354	5.5
249	60	SEP60	6319	5918	401	6.3	6408	6083	325	5.1
250	60	OCT60	6338	5929	409	6.5	6382	6054	328	5.1
251	60	NOV60	6345	5933	412	6.5	6316	5933	383	6.1
252	60	DEC60	6398	5942	456	7.1	6398	5950	448	7.0
253	61	JAN61	6392	5950	442	6.9	6315	5805	510	8.1
254	61	FEB61	6406	5967	439	6.9	6346	5795	551	8.7
255	61	MAR61	6426	5968	458	7.1	6354	5823	531	8.4
256	61	APR61	6445	5972	473	7.3	6345	5891	454	7.2
257	61	MAY61	6459	5990	469	7.3	6450	5996	454	7.0
258	61	JUN61	6470	6012	458	7.1	6579	6090	489	7.4
259	61	JUL61	6498	6042	456	7.0	6552	6101	451	6.9
260	61	AUG61	6513	6063	450	6.9	6588	6173	415	6.3
261	61	SEP61	6526	6087	439	6.7	6612	6250	362	5.5
262	61	OCT61	6534	6101	433	6.6	6570	6220	350	5.3
263	61	NOV61	6550	6138	412	6.3	6516	6132	384	5.9
264	61	DEC61	6545	6139	406	6.2	6548	6149	399	6.1
265	62	JAN62	6559	6169	390	5.9	6470	6024	446	6.9
266	62	FEB62	6556	6158	398	6.1	6484	5989	495	7.6
267	62	MAR62	6586	6187	399	6.1	6502	6046	456	7.0
268	62	APR62	6611	6226	385	5.8	6515	6145	370	5.7
269	62	MAY62	6618	6235	383	5.8	6612	6242	370	5.6
270	62	JUN62	6627	6227	400	6.0	6734	6308	426	6.3
271	62	JUL62	6645	6263	382	5.7	6702	6322	380	5.7
272	62	AUG62	6688	6312	376	5.6	6770	6419	351	5.2
273	62	SEP62	6726	6342	384	5.7	6825	6505	320	4.7
274	62	OCT62	6701	6321	380	5.7	6743	6434	309	4.6
275	62	NOV62	6716	6332	384	5.7	6682	6322	360	5.4
276	62	DEC62	6749	6358	391	5.8	6754	6370	384	5.7
277	63	JAN63	6766	6378	388	5.7	6675	6233	442	6.6
278	63	FEB63	6777	6371	406	6.0	6706	6205	501	7.5
279	63	MAR63	6799	6402	397	5.8	6712	6265	447	6.7
280	63	APR63	6821	6393	428	6.3	6724	6314	410	6.1
281	63	MAY63	6835	6418	417	6.1	6827	6426	401	5.9
282	63	JUN63	6865	6450	415	6.0	6978	6536	442	6.3

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/EDIR/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
283	63	JUL63	6884	6472	412	6.0	6941	6528	413	6.0
284	63	AUG63	6892	6478	414	6.0	6973	6582	391	5.6
285	63	SEP63	6925	6508	417	6.0	7016	6666	350	5.0
286	63	OCT63	6941	6532	409	5.9	6974	6640	334	4.8
287	63	NOV63	6958	6529	429	6.2	6921	6516	405	5.9
288	63	DEC63	6956	6555	401	5.8	6966	6570	396	5.7
289	64	JAN64	6990	6579	411	5.9	6902	6434	468	6.8
290	64	FEB64	7009	6601	408	5.8	6937	6439	498	7.2
291	64	MAR64	7018	6607	411	5.9	6933	6476	457	6.6
292	64	APR64	7045	6632	413	5.9	6947	6553	394	5.7
293	64	MAY64	7063	6644	419	5.9	7052	6652	400	5.7
294	64	JUN64	7069	6646	423	6.0	7184	6735	449	6.3
295	64	JUL64	7081	6668	413	5.8	7140	6721	419	5.9
296	64	AUG64	7103	6679	424	6.0	7185	6780	405	5.6
297	64	SEP64	7157	6723	434	6.1	7243	6878	365	5.0
298	64	OCT64	7141	6708	433	6.1	7164	6809	355	5.0
299	64	NOV64	7145	6689	456	6.4	7189	6676	433	6.1
300	64	DEC64	7164	6738	426	5.9	7177	6755	422	5.9
301	65	JAN65	7194	6737	457	6.4	7113	6593	520	7.3
302	65	FEB65	7173	6769	404	5.6	7101	6613	488	6.9
303	65	MAR65	7213	6786	427	5.9	7131	6659	472	6.6
304	65	APR65	7230	6768	462	6.4	7129	6691	438	6.1
305	65	MAY65	7247	6815	432	6.0	7234	6824	410	5.7
306	65	JUN65	7268	6838	430	5.9	7383	6927	456	6.2
307	65	JUL65	7282	6844	438	6.0	7343	6894	449	6.1
308	65	AUG65	7297	6868	429	5.9	7382	6967	415	5.6
309	65	SEP65	7314	6897	417	5.7	7398	7048	350	4.7
310	65	OCT65	7360	6940	420	5.7	7380	7035	345	4.7
311	65	NOV65	7395	6981	414	5.6	7364	6969	395	5.4
312	65	DEC65	7426	7015	411	5.5	7446	7036	410	5.5
313	66	JAN66	7448	7048	400	5.4	7356	6901	455	6.2
314	66	FEB66	7467	7090	377	5.0	7388	6936	452	6.1
315	66	MAR66	7508	7132	376	5.0	7419	7006	413	5.6
316	66	APR66	7544	7187	357	4.7	7447	7109	338	4.5
317	66	MAY66	7560	7202	358	4.7	7547	7210	337	4.5
318	66	JUN66	7586	7226	360	4.7	7699	7317	382	5.0
319	66	JUL66	7618	7250	368	4.8	7680	7299	381	5.0
320	66	AUG66	7637	7266	371	4.9	7730	7367	363	4.7
321	66	SEP66	7642	7270	372	4.9	7732	7421	311	4.0
322	66	OCT66	7671	7293	378	4.9	7692	7382	310	4.0
323	66	NOV66	7686	7309	377	4.9	7658	7298	360	4.7
324	66	DEC66	7732	7335	397	5.1	7752	7355	397	5.1
325	67	JAN67	7715	7344	371	4.8	7620	7199	421	5.5
326	67	FEB67	7746	7360	386	5.0	7669	7209	460	6.0
327	67	MAR67	7784	7389	395	5.1	7700	7265	435	5.6
328	67	APR67	7780	7350	430	5.5	7680	7275	405	5.3
329	67	MAY67	7771	7367	404	5.2	7752	7374	378	4.9

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
330	67	JUN67	7815	7416	399	5.1	7929	7506	423	5.3
331	67	JUL67	7827	7434	393	5.0	7892	7482	410	5.2
332	67	AUG67	7822	7432	390	5.0	7922	7537	385	4.9
333	67	SEP67	7884	7506	378	4.8	7976	7660	316	4.0
334	67	OCT67	7906	7529	377	4.8	7925	7617	308	3.9
335	67	NOV67	7935	7566	369	4.7	7917	7564	353	4.5
336	67	DEC67	7954	7577	377	4.7	7985	7607	378	4.7
337	68	JAN68	7984	7618	366	4.6	7878	7465	413	5.2
338	68	FEB68	8017	7640	377	4.7	7929	7481	448	5.7
339	68	MAR68	8026	7659	367	4.6	7932	7528	404	5.1
340	68	APR68	8042	7671	371	4.6	7940	7591	349	4.4
341	68	MAY68	8054	7682	372	4.6	8032	7685	347	4.3
342	68	JUN68	8069	7700	369	4.6	8181	7789	392	4.8
343	68	JUL68	8100	7726	374	4.6	8168	7776	392	4.8
344	68	AUG68	8133	7768	365	4.5	8239	7877	362	4.4
345	68	SEP68	8118	7754	364	4.5	8216	7912	304	3.7
346	68	OCT68	8153	7794	359	4.4	8174	7881	293	3.6
347	68	NOV68	8190	7824	366	4.5	8175	7825	350	4.3
348	68	DEC68	8189	7851	338	4.1	8221	7883	338	4.1
349	69	JAN69	8253	7893	360	4.4	8142	7737	405	5.0
350	69	FEB69	8287	7911	376	4.5	8193	7747	446	5.4
351	69	MAR69	8311	7946	365	4.4	8213	7811	402	4.9
352	69	APR69	8343	7987	356	4.3	8240	7905	335	4.1
353	69	MAY69	8366	8015	351	4.2	8344	8017	327	3.9
354	69	JUN69	8394	8029	365	4.3	8509	8120	389	4.6
355	69	JUL69	8429	8061	368	4.4	8498	8112	386	4.5
356	69	AUG69	8431	8048	383	4.5	8540	8160	380	4.4
357	69	SEP69	8449	8057	392	4.6	8546	8219	327	3.8
358	69	OCT69	8451	8062	389	4.6	8463	8147	316	3.7
359	69	NOV69	8473	8083	390	4.6	8455	8082	373	4.4
360	69	DEC69	8480	8103	377	4.4	8510	8133	377	4.4
361	70	JAN70	8129	7691	438	5.4	8058	7570	488	6.1
362	70	FEB70	8142	7665	477	5.9	8087	7522	565	7.0
363	70	MAR70	8101	7610	491	6.1	8056	7534	522	6.5
364	70	APR70	8202	7713	489	6.0	8132	7660	472	5.8
365	70	MAY70	8146	7600	546	6.7	8060	7567	493	6.1
366	70	JUN70	8136	7557	579	7.1	8211	7608	603	7.3
367	70	JUL70	8169	7565	604	7.4	8399	7753	646	7.7
368	70	AUG70	8135	7547	588	7.2	8300	7726	574	6.9
369	70	SEP70	8180	7504	676	8.3	8129	7494	635	7.8
370	70	OCT70	8217	7540	677	8.2	8192	7571	621	7.6
371	70	NOV70	8241	7522	719	8.7	8236	7533	706	8.6
372	70	DEC70	8211	7468	743	9.0	8152	7452	700	8.6
373	71	JAN71	8288	7506	782	9.4	8717	7883	834	9.6
374	71	FEB71	8309	7536	773	9.3	8257	7395	862	10.4
375	71	MAR71	8328	7629	699	8.4	8283	7554	729	8.8
376	71	APR71	8440	7670	770	9.1	8363	7608	755	9.0

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
377	71	MAY71	8503	7765	738	8.7	8416	7733	683	8.1
378	71	JUN71	8315	7669	646	7.8	8385	7716	669	8.0
379	71	JUL71	8464	7692	772	9.1	8692	7875	817	9.4
380	71	AUG71	8515	7725	790	9.3	8676	7903	773	8.9
381	71	SEP71	8441	7692	749	8.9	8395	7687	708	8.4
382	71	OCT71	8401	7657	744	8.9	8379	7694	685	8.2
383	71	NOV71	8364	7660	704	8.4	8360	7673	687	8.2
384	71	DEC71	8464	7777	687	8.1	8411	7764	647	7.7
385	72	JAN72	8508	7858	650	7.6	8443	7734	709	8.4
386	72	FEB72	8485	7869	616	7.3	8434	7729	705	8.4
387	72	MAR72	8573	7901	672	7.8	8530	7827	703	8.2
388	72	APR72	8631	7972	659	7.6	8547	7899	648	7.6
389	72	MAY72	8617	7928	689	8.0	8529	7898	631	7.4
390	72	JUN72	8724	8033	691	7.9	8787	8077	710	8.1
391	72	JUL72	8650	8024	626	7.2	8869	8197	672	7.6
392	72	AUG72	8674	8010	664	7.7	8825	8182	643	7.3
393	72	SEP72	8674	8048	626	7.2	8637	8052	585	6.8
394	72	OCT72	8781	8064	717	8.2	8766	8111	655	7.5
395	72	NOV72	8752	8088	664	7.6	8746	8104	642	7.3
396	72	DEC72	8812	8194	618	7.0	8771	8186	585	6.7
397	73	JAN73	8729	8109	620	7.1	8674	7985	689	7.9
398	73	FEB73	8762	8120	642	7.3	8713	7985	728	8.4
399	73	MAR73	8709	8079	630	7.2	8667	8006	661	7.6
400	73	APR73	8736	8081	655	7.5	8640	7997	643	7.4
401	73	MAY73	8750	8122	628	7.2	8665	8097	568	6.6
402	73	JUN73	8777	8194	583	6.6	8837	8238	599	6.8
403	73	JUL73	8851	8289	562	6.3	9058	8447	611	6.7
404	73	AUG73	8953	8245	708	7.9	9085	8403	682	7.5
405	73	SEP73	9123	8517	606	6.6	9093	8529	564	6.2
406	73	OCT73	9190	8573	617	6.7	9186	8632	554	6.0
407	73	NOV73	9180	8576	604	6.6	9169	8590	579	6.3
408	73	DEC73	9182	8574	608	6.6	9153	8570	583	6.4
409	74	JAN74	9122	8518	604	6.6	9082	8396	686	7.6
410	74	FEB74	9196	8561	635	6.9	9152	8437	715	7.8
411	74	MAR74	9236	8627	609	6.6	9193	8554	639	7.0
412	74	APR74	9202	8589	613	6.7	9099	8497	602	6.6
413	74	MAY74	9278	8663	615	6.6	9200	8648	552	6.0
414	74	JUN74	9306	8640	666	7.2	9358	8682	676	7.2
415	74	JUL74	9372	8669	703	7.5	9564	8809	755	7.9
416	74	AUG74	9390	8720	670	7.1	9507	8865	642	6.8
417	74	SEP74	9441	8712	729	7.7	9414	8727	687	7.3
418	74	OCT74	9421	8698	723	7.7	9423	8762	661	7.0
419	74	NOV74	9419	8668	751	8.0	9401	8678	723	7.7
420	74	DEC74	9419	8598	821	8.7	9407	8602	805	8.6
421	75	JAN75	9469	8580	889	9.4	9438	8459	979	10.4
422	75	FEB75	9426	8522	904	9.6	9388	8411	977	10.4
423	75	MAR75	9464	8518	946	10.0	9426	8451	975	10.3

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
424	75	APR75	9608	8657	951	9.9	9498.0	8562.0	936.0	9.9
425	75	MAY75	9520	8559	961	10.1	9455.0	8557.0	898.0	9.5
426	75	JUN75	9531	8559	972	10.2	9575.0	8597.0	978.0	10.2
427	75	JUL75	9513	8568	945	9.9	9690.0	8690.0	1000.0	10.3
428	75	AUG75	9489	8566	923	9.7	9593.0	8697.0	896.0	9.3
429	75	SEP75	9568	8616	952	9.9	9542.0	8630.0	912.0	9.6
430	75	OCT75	9598	8672	926	9.6	9601.0	8736.0	865.0	9.0
431	75	NOV75	9605	8653	952	9.9	9576.0	8657.0	919.0	9.6
432	75	DEC75	9673	8715	958	9.9	9674.0	8727.0	947.0	9.8
433	76	JAN76	9786	8825	961	9.8	9765.0	8709.0	1056.0	10.8
434	76	FEB76	9775	8895	880	9.0	9740.0	8794.0	946.0	9.7
435	76	MAR76	9781	8910	871	8.9	9748.0	8849.0	899.0	9.2
436	76	APR76	9797	8941	856	8.7	9688.0	8849.0	839.0	8.7
437	76	MAY76	9746	8973	773	7.9	9691.0	8981.0	710.0	7.3
438	76	JUN76	9888	9031	857	8.7	9921.0	9063.0	858.0	8.6
439	76	JUL76	9912	8997	915	9.2	10074.0	9105.0	969.0	9.6
440	76	AUG76	9891	8973	918	9.3	9995.0	9095.0	900.0	9.0
441	76	SEP76	9949	9035	914	9.2	9923.0	9045.0	878.0	8.8
442	76	OCT76	9962	8999	963	9.7	9962.0	9058.0	904.0	9.1
443	76	NOV76	10148	9106	1042	10.3	10110.0	9105.0	1005.0	9.9
444	76	DEC76	10099	9186	913	9.0	10115.0	9210.0	905.0	8.9
445	77	JAN77	10135	9232	903	8.9	10119.5	9125.1	994.4	9.8
446	77	FEB77	10203	9339	864	8.5	10165.5	9241.6	923.9	9.1
447	77	MAR77	10194	9336	858	8.4	10167.5	9281.7	885.8	8.7
448	77	APR77	10285	9397	888	8.6	10180.1	9308.6	871.5	8.6
449	77	MAY77	10313	9441	872	8.5	10261.6	9449.4	812.2	7.9
450	77	JUN77	10344	9464	880	8.5	10365.4	9487.4	878.0	8.5
451	77	JUL77	10341	9491	850	8.2	10491.3	9593.2	898.1	8.6
452	77	AUG77	10485	9643	842	8.0	10596.2	9759.2	837.0	7.9
453	77	SEP77	10435	9605	830	8.0	10406.1	9611.7	794.4	7.6
454	77	OCT77	10472	9649	823	7.9	10468.6	9702.7	765.9	7.3
455	77	NOV77	10624	9744	880	8.3	10585.2	9744.4	840.8	7.9
456	77	DEC77	10556	9815	741	7.0	10581.6	9849.5	732.1	6.9
457	78	JAN78	10575	9824	751	7.1	10561.3	9726.1	835.2	7.9
458	78	FEB78	10721	9902	819	7.6	10680.8	9803.0	877.8	8.2
459	78	MAR78	10858	10019	839	7.7	10832.8	9964.8	868.0	8.0
460	78	APR78	10951	10157	794	7.3	10856.1	10072.9	783.2	7.2
461	78	MAY78	10940	10119	821	7.5	10886.3	10123.4	762.9	7.0
462	78	JUN78	10921	10130	791	7.2	10924.8	10140.2	784.6	7.2
463	78	JUL78	10925	10069	856	7.8	11064.9	10168.3	896.6	8.1
464	78	AUG78	10915	10152	763	7.0	11046.9	10277.5	769.4	7.0
465	78	SEP78	11025	10285	740	6.7	10989.7	10288.5	701.2	6.4
466	78	OCT78	11002	10293	709	6.4	10998.3	10344.4	653.9	5.9
467	78	NOV78	11009	10306	703	6.4	10982.4	10318.3	664.1	6.0
468	78	DEC78	11052	10347	705	6.4	11083.8	10387.4	696.4	6.3
469	79	JAN79	11133	10407	726	6.5	11113.4	10311.3	802.1	7.2
470	79	FEB79	11184	10463	721	6.4	11139.3	10355.4	783.9	7.0

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
471	79	MAR79	11088	10380	708	6.4	11062.2	10321.8	740.4	6.7
472	79	APR79	11082	10402	680	6.1	10996.0	10319.8	676.2	6.1
473	79	MAY79	11113	10435	678	6.1	11055.5	10436.6	618.9	5.6
474	79	JUN79	11223	10552	671	6.0	11210.9	10551.0	659.9	5.9
475	79	JUL79	11284	10609	675	6.0	11420.0	10707.9	712.1	6.2
476	79	AUG79	11329	10611	718	6.3	11475.1	10747.0	728.1	6.3
477	79	SEP79	11397	10657	740	6.5	11355.5	10662.4	693.1	6.1
478	79	OCT79	11428	10717	711	6.2	11428.8	10771.6	657.2	5.8
479	79	NOV79	11435	10747	688	6.0	11419.9	10768.9	651.0	5.7
480	79	DEC79	11508	10805	703	6.1	11536.4	10841.1	695.3	6.0
481	80	JAN80	11444	10770	674	5.9	11423.2	10674.3	748.9	6.6
482	80	FEB80	11449	10753	696	6.1	11400.9	10634.4	766.5	6.7
483	80	MAR80	11503	10811	692	6.0	11468.7	10741.1	727.6	6.3
484	80	APR80	11538	10739	799	6.9	11461.6	10660.7	800.9	7.0
485	80	MAY80	11515	10683	832	7.2	11453.9	10686.5	767.4	6.7
486	80	JUN80	11576	10720	856	7.4	11554.2	10717.0	837.2	7.2
487	80	JUL80	11613	10811	802	6.9	11747.0	10910.8	836.2	7.1
488	80	AUG80	11742	10872	870	7.4	11895.4	11019.0	876.4	7.4
489	80	SEP80	11653	10818	835	7.2	11606.2	10825.5	780.7	6.7
490	80	OCT80	11636	10811	825	7.1	11646.3	10872.2	774.1	6.6
491	80	NOV80	11714	10853	861	7.4	11711.7	10880.8	830.9	7.1
492	80	DEC80	11600	10864	736	6.3	11621.7	10888.6	733.1	6.3
493	81	JAN81	11750	10894	856	7.3	11724.6	10792.7	931.9	7.9
494	81	FEB81	11741	10878	863	7.4	11688.5	10750.8	937.7	8.0
495	81	MAR81	11751	10917	834	7.1	11710.9	10838.2	872.7	7.5
496	81	APR81	11825	10988	837	7.1	11757.0	10913.9	843.1	7.2
497	81	MAY81	11769	10980	789	6.7	11708.8	10989.6	719.2	6.1
498	81	JUN81	11752	10935	817	7.0	11726.9	10936.2	790.7	6.7
499	81	JUL81	11769	10918	851	7.2	11902.8	11018.5	884.3	7.4
500	81	AUG81	11804	10982	822	7.0	11959.4	11136.4	823.0	6.9
501	81	SEP81	11794	10911	883	7.5	11741.1	10922.1	819.0	7.0
502	81	OCT81	11891	10929	962	8.1	11908.3	10994.5	913.8	7.7
503	81	NOV81	11926	10975	951	8.0	11930.8	11001.3	929.5	7.8
504	81	DEC81	11916	10891	1025	8.6	11928.1	10903.0	1025.1	8.6
505	82	JAN82	11965	10925	1040	8.7	11940.7	10820.4	1120.3	9.4
506	82	FEB82	12038	10968	1070	8.9	11985.4	10836.6	1148.8	9.6
507	82	MAR82	12046	10924	1122	9.3	11996.4	10835.9	1160.5	9.7
508	82	APR82	12101	10974	1127	9.3	12042.1	10907.2	1134.9	9.4
509	82	MAY82	12177	11012	1165	9.6	12119.2	11030.1	1089.1	9.0
510	82	JUN82	12228	11053	1175	9.6	12201.5	11058.6	1142.9	9.4
511	82	JUL82	12266	10977	1289	10.5	12397.4	11074.6	1322.8	10.7
512	82	AUG82	12213	10951	1262	10.3	12368.0	11111.9	1256.1	10.2
513	82	SEP82	12329	11073	1256	10.2	12268.6	11084.1	1184.5	9.7
514	82	OCT82	12316	10998	1318	10.7	12339.2	11064.9	1274.3	10.3
515	82	NOV82	12286	10925	1361	11.1	12296.2	10949.6	1346.6	11.0
516	82	DEC82	12300	10950	1350	11.0	12304.9	10950.9	1354.0	11.0
517	83	JAN83	12262	10909	1353	11.0	12235.0	10801.0	1434.0	11.7

Table 14
CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
BY MONTH, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE - SA INDICATES SERIES SEASONALLY ADJUSTED

NOTE: DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	DATE	SALF	SAEMP	SAUNEMP	SARATE	LF	EMP	UNEMP	RATE
518	83	FEB83	12263.	10893	1370	11.2	12212	10761	1451	11.9
519	83	MAR83	12216	10926	1290	10.6	12165	10835	1330	10.9
520	83	APR83	.	.	.	.	.	.	.	.
521	83	MAY83	.	.	.	.	.	.	.	.
522	83	JUN83	.	.	.	.	.	.	.	.
523	83	JUL83	.	.	.	.	.	.	.	.
524	83	AUG83	.	.	.	.	.	.	.	.
525	83	SEP83	.	.	.	.	.	.	.	.
526	83	OCT83	.	.	.	.	.	.	.	.
527	83	NOV83	.	.	.	.	.	.	.	.
528	83	DEC83	.	.	.	.	.	.	.	.

Table 15 - CALIFORNIA CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
ANNUAL AVERAGES, 1940 - 1983 IN THOUSANDS
EDD/ED&R/ECONOMIC ANALYSIS GROUP

LF=LABOR FORCE EMP=EMPLOYMENT UNEMP=UNEMPLOYMENT RATE=UNEMPLOYMENT RATE

NOTE: 1983 CONTAINS YEAR TO MONTH AVERAGES OF UNADJUSTED DATA
DATA FOR 1970-PRESENT BASED ON CURRENT POPULATION SURVEY
DATA FOR 1950-1969 BASED ON HANDBOOK METHODOLOGY
DATA FOR 1940-1949 RECONSTRUCTED DURING 1950S

OBS	YEAR	LF	EMP	UNEMP	RATE
1	40	2967	2587	380	12.8
2	41	3225	2928	297	9.2
3	42	3528	3366	162	4.6
4	43	3794	3769	25	0.7
5	44	3886	3854	31	0.8
6	45	3882	3763	119	3.1
7	46	4242	3871	370	8.7
8	47	4384	4065	319	7.3
9	48	4475	4176	300	6.7
10	49	4543	4128	416	9.2
11	50	4501	4154	347	7.7
12	51	4670	4468	202	4.3
13	52	4902	4696	206	4.2
14	53	5062	4857	205	4.0
15	54	5109	4856	254	5.0
16	55	5302	5095	207	3.9
17	56	5566	5377	188	3.4
18	57	5796	5553	243	4.2
19	58	5903	5526	377	6.4
20	59	6104	5812	292	4.8
21	60	6299	5932	367	5.8
22	61	6481	6035	446	6.9
23	62	6649	6261	389	5.8
24	63	6868	6457	411	6.0
25	64	7081	6659	422	6.0
26	65	7284	6855	429	5.9
27	66	7592	7217	375	4.9
28	67	7831	7441	389	5.0
29	68	8090	7724	366	4.5
30	69	8388	8016	372	4.4
31	70	8168	7582	585	7.2
32	71	8445	7707	737	8.7
33	72	8657	8000	657	7.6
34	73	8912	8290	622	7.0
35	74	9317	8638	679	7.3
36	75	9538	8598	940	9.9
37	76	9894	8989	906	9.2
38	77	10366	9513	853	8.2
39	78	10909	10135	774	7.1
40	79	11268	10566	702	6.2
41	80	11583	10793	790	6.8
42	81	11807	10933	874	7.4
43	82	12188	10977	1211	9.9
44	83	12204	10799	1405	11.5

Table 16

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA ANNUAL AVERAGE 1972-1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TAL NONAG EMPLOYMENT		7209.9	7621.9	7834.3	7847.2	8154.2	8599.7	9199.8	9664.6	9852.4	9996.3	9825.4
NING	10-14	29.2	30.5	32.7	33.9	34.7	35.6	37.1	39.3	43.5	49.2	50.1
METAL MINING	10	1.6	2.0	2.4	2.2	2.1	2.2	2.2	2.3	2.2	2.5	1.8
FUEL MINING	12-13	19.7	20.5	22.7	24.1	25.0	26.1	27.4	29.4	33.4	39.4	41.8
NONMETAL MINING	14	7.8	8.1	7.7	7.6	7.5	7.2	7.5	7.6	7.9	7.3	6.5
NSTRUCTION (B)	15-17	320.7	344.8	334.0	303.3	317.6	366.1	417.5	463.3	444.8	427.7	366.1
GENERAL BLDG CONTRACTORS	15	91.5	98.7	91.3	80.0	85.2	100.6	116.4	127.1	116.9	106.6	86.6
HEAVY CONSTRUCTION	16	66.1	68.2	73.3	73.4	69.5	73.3	82.3	88.8	90.9	92.3	80.2
SPECIAL TRADE CONTRACTORS	17	163.2	177.9	169.4	150.0	162.9	192.1	218.8	247.4	237.1	228.8	199.4
NUFACTURING	20-39	1536.0	1653.5	1694.1	1586.9	1650.9	1728.3	1875.2	2002.7	2007.8	2022.7	1928.4
ONDURABLE GOODS	20-23,26-31	523.6	550.1	562.1	544.4	569.0	591.9	623.8	643.0	637.9	647.2	623.2
URABLE GOODS	24-25,32-39	1012.5	1103.4	1132.0	1042.5	1081.9	1136.4	1251.4	1359.7	1369.9	1375.5	1305.3
FOOD & KINDRED	20	167.7	170.1	175.8	172.8	175.1	178.8	182.3	186.4	186.6	186.8	180.6
CANED, CURED, FROZ FISH	2091-2	7.5	7.6	8.7	7.6	8.9	9.5	10.1	10.1	10.4	10.3	9.5
MEAT PRODUCTS	201	19.4	19.8	21.2	21.0	20.6	20.1	20.2	20.1	20.2	18.9	17.9
DAIRY PRODUCTS	202	15.0	14.5	14.5	13.5	12.8	13.1	12.7	13.5	13.9	14.7	13.8
PRSRVD FRUITS & VEGTBLS	203	51.2	51.9	55.1	55.1	55.1	55.6	56.0	58.3	56.9	56.1	54.9
GRAIN MILL PRODUCTS	204	7.8	7.9	7.9	7.6	7.7	8.2	8.3	8.5	8.5	8.4	8.6
BAKERY PRODUCTS	205	19.2	19.3	18.4	17.9	18.3	18.5	18.8	18.8	19.0	19.0	18.9
BEVERAGES	208	18.5	19.1	19.7	20.3	20.9	21.6	23.6	23.8	24.8	25.9	24.6
OTHER FOOD	20 OTHER	29.3	30.1	30.3	29.8	30.8	32.3	32.7	33.3	32.9	33.7	32.5
TEXTILE MILL PRODUCTS	22	13.2	15.4	15.1	13.9	14.8	14.8	15.8	16.8	14.4	13.7	12.1
KNITTING MILLS	225	3.5	4.1	3.9	3.6	3.3	3.1	3.0	2.9	2.7	2.5	2.4
FLOOR COVERING MILLS	227	4.9	5.5	5.5	4.8	5.4	5.6	6.1	6.3	5.4	5.0	4.2
OTHR TEXTILE MILL PRODS	22 OTHER	4.8	5.8	5.8	5.5	6.1	6.1	6.7	6.8	6.3	6.2	5.6
APPAREL & OTHER TEXTILE	23	81.7	89.8	91.5	91.6	99.8	101.3	109.6	110.6	106.5	107.7	102.8
MEN'S AND BOYS'	232	12.0	13.0	13.7	13.6	14.4	13.8	14.1	14.5	13.4	13.1	12.9
WOMEN'S & MISSES'	233	44.1	49.6	51.2	52.7	58.2	60.4	67.4	66.7	63.6	64.4	62.6
WOMEN'S & CHILDS UNDGMTS	234	4.2	4.1	4.2	3.9	4.3	4.0	3.9	4.2	4.4	4.5	4.1
CHILDREN'S OUTWEAR	236	1.7	1.8	1.7	1.8	1.8	1.6	1.4	1.4	1.6	1.8	1.9
OTR APPAREL & TEXTILE	23 OTHER	19.7	21.3	20.7	19.5	21.1	21.5	22.8	23.8	23.6	24.0	21.4
PAPER & ALLIED PRODUCTS	26	36.2	36.2	36.9	34.9	36.8	37.4	37.7	39.1	38.9	38.5	36.6
MISC CONVERTED PAPER	264	12.5	12.6	13.2	12.7	13.2	13.5	13.9	14.8	14.9	14.7	14.7
PAPERBOARD CONTAINERS	265	14.9	15.3	15.1	14.2	15.5	16.1	16.5	17.4	17.3	16.9	15.8
PULP,PAPER & PAPERBOARD	26 OTHER	8.7	8.4	8.6	8.0	8.1	7.9	7.3	7.0	6.7	6.9	6.2
PRINTING & PUBLISHING	27	91.3	96.2	97.6	94.6	98.0	103.3	112.4	118.9	123.2	125.1	124.6
NEWSPAPERS	271	34.8	35.7	35.0	33.9	35.2	36.8	39.6	41.6	42.8	43.2	43.0
COMMERCIAL PRINTING	275	32.8	34.9	35.8	35.6	37.8	40.1	43.9	47.4	49.3	48.9	47.6
OTHER PRINTING & PUB	27 OTHER	23.6	25.6	26.8	25.1	25.1	26.3	28.8	29.9	31.2	33.0	33.9

Table 16

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA ANNUAL AVERAGE 1972-1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
CHEMICALS & ALLIED	28	52.4	55.2	57.0	55.3	57.8	61.0	62.9	64.4	65.2	67.1	64.3
INDUSTRIAL INORGANIC	281	5.1	5.2	5.6	5.8	6.2	7.1	7.1	7.1	7.3	7.6	7.1
PLASTICS MATERIAL & SYN	282	3.1	3.1	3.3	3.0	3.3	3.8	3.7	4.2	3.6	3.5	3.5
DRUGS	283	10.5	11.5	12.4	11.9	12.5	13.7	14.8	15.7	16.9	18.2	18.0
SOAP, CLEANERS, TOILET	284	11.4	12.0	12.4	11.7	12.2	13.3	13.5	13.4	13.9	14.5	14.0
PAINT & ALLIED PRODUCTS	285	7.7	7.7	7.5	7.1	7.6	7.8	7.9	8.3	7.4	7.4	6.7
AGRICULTURE CHEMICALS	287	5.5	5.8	6.1	6.3	6.3	5.4	5.1	5.2	5.4	5.3	4.5
OTHR CHEMICALS & ALLIED	28 OTHER	9.1	9.9	9.8	9.6	9.7	10.0	10.8	10.4	10.7	10.8	10.5
PETROLEUM & COAL PRODUCTS	29	25.7	25.5	25.6	25.4	25.3	25.5	27.0	27.5	27.7	31.0	31.8
PETROLEUM REFINING	291	22.5	22.6	22.7	22.7	22.3	22.6	23.8	24.2	24.1	27.4	28.1
OTHER PETROLEUM & COAL	29 OTHER	3.1	2.9	2.9	2.8	2.9	2.9	3.2	3.3	3.6	3.6	3.6
RUBBER & MISC PLASTIC	30	48.5	53.6	53.9	47.0	51.4	59.0	63.8	68.0	64.7	65.1	59.9
TIRES AND INNER TUBES	301	7.7	7.9	8.2	6.4	4.9	6.7	5.3	4.8	2.6	1.5	1.4
RUBBER FOOT & FAB RUB	302,6	7.6	8.6	9.6	8.9	9.6	10.3	10.4	10.6	10.0	10.3	9.4
MISC PLASTICS PRODUCTS	307	32.0	35.9	35.3	30.8	36.1	41.1	47.2	51.5	51.0	52.3	48.2
OTHER RUBBER & PLASTICS	30 OTHER	1.1	1.2	0.9	0.9	0.8	1.0	0.9	1.1	1.2	1.1	0.9
LEATHER AND LEATHER PRODS	31	7.1	8.1	8.6	8.9	10.2	10.8	12.4	12.3	10.9	12.0	10.5
LUMBER & WD PROD EXC FURN	24	64.3	66.7	60.2	53.4	60.1	66.4	69.5	68.7	61.1	57.1	44.5
LOGGING CAMP & SAW MILL	241-2	25.0	25.1	24.5	22.9	25.6	26.2	26.5	27.2	24.2	21.8	16.5
MILLWORK & PLYWOOD	243	14.7	15.4	13.3	11.6	13.5	15.5	17.2	18.0	16.3	15.2	12.4
WOODEN CONTAINERS	244	5.0	5.5	5.5	4.3	4.7	4.8	4.4	4.7	4.6	4.2	3.7
OTHR LUMBER & WOOD PROD	24 OTHER	19.7	20.7	16.8	14.6	16.3	19.9	21.4	18.7	16.0	15.9	11.9
FURNITURE & FIXTURES	25	40.2	46.0	44.7	39.7	44.3	49.3	55.0	56.9	54.0	55.0	49.3
HOUSEHOLD FURNITURE	251	28.4	32.0	30.5	27.2	30.5	32.9	35.9	37.0	33.8	33.6	28.9
PARTITIONS AND FIXTURES	254	4.9	5.5	5.4	4.7	4.9	5.7	6.2	6.8	6.9	6.9	6.4
OTHER FURNITURE AND FIX	25 OTHER	7.0	8.5	8.8	7.9	8.9	10.7	12.9	13.1	13.3	14.5	13.9
STONE, CLAY & GLASS PROD	32	53.2	55.0	54.6	50.0	51.6	53.7	57.2	60.0	57.4	56.7	49.8
GLASS & GLASS PRODUCTS	321-3	14.2	15.0	14.7	14.5	15.5	15.9	17.5	18.0	17.7	17.6	16.6
CEMENT, HYDRAULIC	324	3.7	3.7	3.4	3.1	3.1	3.2	3.4	3.6	3.7	3.7	3.7
STRUCTURAL CLAY PRODUCTS	325	4.3	4.2	4.2	3.6	3.7	3.8	3.9	3.8	3.3	3.2	2.4
POTTERY AND RELATED	326	5.3	6.1	6.8	6.3	6.8	6.6	6.5	6.4	6.1	6.0	5.0
CONCRETE & PLASTER PRODS	327	16.1	15.6	14.8	12.8	12.7	14.1	15.8	17.3	16.5	16.1	13.0
OTHR STONE,CLAY & GLASS	32 OTHER	9.7	10.5	10.8	9.8	9.7	10.1	10.2	10.8	10.2	10.1	9.0
PRIMARY METAL INDUSTRIES	33	53.2	57.9	59.8	54.1	52.8	54.3	57.3	60.5	57.3	54.9	47.4
BLAST FURNACE & STEEL	331	20.9	23.5	23.9	22.2	20.9	20.6	20.3	21.2	17.7	16.1	12.2
IRON & STEEL FOUNDRIES	332	7.1	7.7	8.6	8.0	7.5	7.9	8.7	9.1	8.8	8.9	8.0
NONFEROUS ROLING & DRAW	335	14.8	15.1	14.8	13.1	12.7	13.6	14.7	15.5	15.8	14.6	13.2
NONFEROUS FOUNDRIES	336	7.1	8.3	8.8	7.4	8.2	8.6	9.5	10.4	10.4	10.5	9.5
OTHER PRIMARY METALS	33 OTHER	3.2	3.4	3.8	3.5	3.5	3.7	4.1	4.4	4.7	4.7	4.5

Table 16

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA ANNUAL AVERAGE 1972-1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
FABRICATED METAL PRODUCTS	34	122.6	132.6	134.9	124.6	129.6	135.4	147.5	158.7	155.0	152.1	137.2
CANS AND SHIPPING CONT	341	12.1	12.1	12.1	11.6	11.3	11.0	10.9	11.0	10.5	9.8	9.2
CUTLERY, HANDTOOL, HDWR	342	15.8	17.5	16.7	14.4	15.9	16.8	17.6	18.6	16.7	15.7	14.3
PLUMBING & HEATING	343	6.3	6.7	6.5	5.4	6.1	7.1	7.5	8.2	7.6	7.4	6.6
STRUCTURAL METAL PRODS	344	39.7	42.7	43.3	42.0	43.2	44.7	49.1	52.4	50.8	50.2	44.4
SCREW MACHINE PRODUCTS	345	8.7	9.7	10.6	9.2	8.8	9.3	11.3	13.6	15.5	15.0	12.5
METAL FORGING AND STAMP	346	11.0	12.1	12.5	11.4	12.1	13.0	14.6	14.6	14.3	14.2	13.3
METAL SERVICES, NEC	347	12.8	14.7	15.2	13.8	15.2	16.0	18.3	20.2	19.9	20.0	18.3
OTHER FABRICATED METAL	34 OTHER	16.3	17.0	18.0	16.7	17.0	17.4	18.2	19.9	19.8	19.7	18.4
MACHINERY EXC ELECTRICAL	35	140.3	162.8	180.4	168.4	169.8	177.6	202.8	226.8	236.0	234.5	224.5
FARM & GARDEN MACHINERY	352	2.9	3.6	3.8	3.6	4.1	4.4	5.0	5.4	5.5	5.7	4.6
CONSTRUCTION & RELATED	353	13.8	15.9	17.6	16.8	17.7	18.0	19.6	21.4	21.7	23.3	20.0
METALWORKING MACHINERY	354	14.8	17.6	18.3	16.2	16.4	16.7	18.7	20.6	20.0	18.9	16.7
SPECIAL INDUSTRY MACH	355	8.9	9.9	11.0	10.4	10.4	10.3	11.1	12.2	13.1	13.4	12.5
GENERAL INDUSTRY MACH	356	15.3	16.5	18.1	17.7	17.7	17.8	19.2	20.6	21.6	20.8	19.1
OFFICE & COMPUTING MACH	357	52.1	61.4	69.7	63.3	62.3	67.0	80.1	92.2	97.9	98.4	103.0
REFRIGERATION & SERVICE	358	5.0	5.6	5.4	4.9	5.4	6.3	7.2	7.6	7.7	8.0	8.0
OTHR MACHINERY EXC ELEC	35 OTHER	27.6	32.3	36.6	35.7	35.8	37.2	42.0	46.8	48.4	45.9	40.6
ELECTRICAL EQUIP & SUP	36	202.5	229.6	242.1	224.0	237.7	251.8	284.6	316.8	334.8	346.5	342.9
ELECTRI DISTRIBUTION EQ	361	7.6	8.8	9.7	8.9	8.5	8.6	8.7	9.2	9.6	9.3	8.1
INDUSTRIAL APPARATUS	362	9.0	9.9	10.9	10.8	11.4	12.1	13.7	14.2	14.8	14.3	13.3
HOUSEHOLD APPLIANCES	363	7.2	7.3	6.1	4.3	5.3	5.5	5.6	5.7	5.6	6.2	4.9
LIGHTING & WIRING EQUIP	364	16.2	18.5	18.0	15.5	16.2	17.7	20.5	23.5	23.3	22.3	20.0
RADIO & TV RECEIVING EQ	365	15.0	15.5	15.8	14.9	16.1	16.6	17.8	18.0	17.6	17.3	15.2
COMMUNICATION EQUIPMENT	366	90.6	95.3	97.6	98.7	99.5	102.1	113.2	123.5	131.2	141.6	145.7
ELECTRONIC COMP & ACCESS	367	52.0	68.9	78.5	65.7	74.8	82.3	97.3	114.6	124.2	126.1	127.2
MISC ELEC EQUIP & SUP	369	4.9	5.4	5.5	5.3	6.1	6.9	7.8	8.0	8.5	9.5	8.5
TRANSPORTATION EQUIPMENT	37	250.8	257.6	255.0	233.5	232.2	237.9	254.2	277.2	274.7	274.7	263.4
MOTOR VEHICLES & EQUIP	371	38.2	43.0	39.3	30.8	39.6	44.5	49.6	49.6	34.6	35.0	29.5
AIRCRAFT AND PARTS	372	135.4	135.6	134.9	121.3	108.5	109.4	117.5	140.4	151.0	147.9	139.2
SHIP & BOAT BLDG & REP	373	14.8	16.5	19.7	19.9	21.2	21.2	22.3	23.1	23.0	22.9	22.0
GUIDED MISS, SPACE VECH	376	50.7	48.6	49.7	50.0	47.6	45.4	46.7	50.9	55.3	59.4	63.5
OTHER TRANSPORT & EQUIP	37 OTHER	11.7	13.9	11.4	11.8	15.6	17.4	18.1	13.5	10.9	9.5	9.3
INSTRUMENTS & RELATED	38	52.2	60.6	65.7	61.9	67.5	71.6	80.4	92.2	99.9	102.6	101.9
MEASURING & CONTROLLING	382	25.1	30.5	32.7	30.2	32.5	33.5	37.4	41.9	46.0	48.2	47.7
OTHER INSTR & RELATED	38 OTHER	27.1	30.0	33.1	31.7	34.9	38.1	43.0	50.2	54.0	54.4	54.2
MISC MANUFACT INDUSTRIES	39	33.1	34.7	34.5	32.8	36.4	38.4	43.1	42.1	39.6	41.5	44.4
TOYS AND SPORTING GOODS	394	13.5	14.2	13.9	13.3	14.8	15.1	16.2	15.8	16.1	18.0	21.4
OTHR MISC MANUFACTURING	39 OTHER	19.6	20.5	20.6	19.5	21.5	23.2	27.0	26.3	23.5	23.6	22.9

Table 16

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA ANNUAL AVERAGE 1972-1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TRANSPORTATION & PUB UTLTY	40-49	454.1	467.0	470.7	458.1	463.9	476.5	506.4	534.7	546.3	554.8	543.0
TRANSPORTATION	40-47	252.5	261.9	265.2	255.3	261.7	270.3	289.0	301.8	304.6	300.2	286.0
RAILROADS	40	40.2	38.8	37.9	34.4	32.9	31.8	32.0	32.4	31.3	30.0	25.8
TRUCKING AND WAREHOUSING	42	91.9	97.3	98.7	93.8	98.5	104.8	113.7	119.5	117.6	115.7	111.5
OTHER TRANSPORTATION	OTHER	120.5	125.8	128.6	127.2	130.4	133.8	143.3	149.9	155.7	154.5	148.6
COMMUNICATIONS	48	138.2	139.1	139.9	139.0	139.5	142.4	149.9	163.1	171.3	182.4	184.7
ELECTRIC GAS & SANITARY	49	63.4	65.9	65.7	63.8	62.7	63.8	67.6	69.8	70.4	72.2	72.4
WHOLESALE & RETAIL TRADE	50-59	1608.6	1703.2	1751.9	1786.3	1875.6	1982.4	2126.0	2223.8	2266.8	2301.5	2275.4
WHOLESALE TRADE	50-51	409.6	441.3	460.6	465.9	485.3	507.5	534.3	564.1	583.7	590.6	582.4
RETAIL TRADE	52-59	1199.0	1261.9	1291.4	1320.4	1390.2	1474.9	1591.7	1659.7	1683.2	1710.9	1693.0
GENERAL MERCHANDISE	53	206.6	212.2	214.0	208.8	215.1	224.7	235.2	239.4	240.2	241.5	231.0
FOOD STORES	54	169.1	174.2	188.3	196.7	201.5	210.8	223.7	233.7	242.8	251.7	250.8
OTHER RETAIL TRADE	OTHER	823.3	875.4	889.1	915.0	973.6	1039.3	1132.7	1186.7	1200.1	1217.7	1211.1
FINANCE INS & REAL ESTATE	60-67	409.3	431.6	444.8	446.4	468.7	505.4	553.2	595.9	623.1	642.9	645.1
FINANCE	60-62	189.6	199.6	206.7	209.1	220.6	235.8	258.4	281.1	300.5	315.9	318.1
INS CARRIER, AGTS BROKER	63-64	132.2	137.7	140.2	139.6	145.4	155.3	166.1	174.2	180.1	184.9	187.1
REAL ESTATE	65	79.7	85.5	88.1	87.8	92.6	104.1	117.8	127.5	129.0	127.7	124.0
COMB HOLDING & OTHR INVST	66-67	7.8	8.8	9.8	10.0	10.1	10.2	10.9	13.2	13.5	14.5	15.9
SERVICES	70-89	1359.4	1466.5	1520.1	1561.7	1647.3	1764.7	1931.3	2070.0	2156.2	2241.0	2284.0
HOTELS AND OTHER LODGING	70	82.1	87.6	87.1	89.5	93.7	99.5	106.5	109.9	113.1	119.6	117.4
PERSONAL SERVICES	72	91.6	92.3	90.3	88.3	90.1	93.5	98.0	100.6	99.9	101.0	103.6
BUSINESS SERVICES	73	232.5	254.4	268.0	275.8	299.5	333.3	382.8	434.5	467.3	485.7	495.0
AUTO AND MISC REPAIR	75-76	77.9	86.2	89.0	89.8	97.3	107.8	124.2	133.6	134.4	135.1	133.7
MOTION PICTURES	78	51.6	55.3	55.6	57.0	60.8	65.8	66.8	75.0	68.3	77.4	74.3
AMUSEMENT & RECREATION	79	62.0	68.1	70.2	72.9	76.9	80.7	87.5	91.5	94.1	97.4	98.9
HEALTH SERVICES	80	354.7	385.8	409.6	428.8	446.3	471.2	502.7	527.3	553.7	583.3	601.6
OTHER SERVICES	81-89	407.0	436.7	450.4	459.5	482.7	513.0	562.7	597.5	625.3	641.5	659.4
GOVERNMENT (C)		1492.6	1524.8	1585.9	1670.6	1695.6	1740.7	1753.1	1735.0	1763.9	1756.5	1733.2
FEDERAL GOVERNMENT		316.2	311.5	320.4	323.2	316.1	314.7	318.6	322.8	333.8	327.6	324.5
STATE & LOCAL GOVERNMENT		1176.5	1213.3	1265.6	1347.4	1379.5	1426.0	1434.5	1412.2	1430.1	1429.0	1408.7
COUNTY		197.5	203.9	211.6	228.3	227.1	228.6	232.5	226.8	233.8	229.0	222.2
CITY (D)		172.9	175.8	178.3	195.1	194.6	198.9	200.2	188.8	188.7	188.7	187.9
EDUCATION (E)		622.2	643.0	677.2	713.6	741.2	771.0	764.9	759.0	762.5	758.0	743.2
EDUCATION STATE		105.3	109.8	113.9	119.8	122.5	125.5	128.1	130.4	134.2	136.9	134.0
EDUCATION LOCAL		517.0	533.2	563.3	593.9	618.7	645.5	636.9	628.6	628.3	621.1	609.2
OTHER STATE & LOCAL		183.8	190.6	198.5	210.4	216.7	227.4	236.8	237.6	245.0	253.2	255.4
OTHER STATE		133.5	137.6	143.5	149.0	153.3	160.3	168.0	169.6	172.6	175.2	172.4
SPECIAL DISTRICT		50.4	53.0	55.0	61.4	63.4	67.1	68.8	68.0	72.5	78.0	83.0
ESTIMATED AGRICULTURAL WAGE AND SALARY EMPLOYMEN1972-1982 (F)												
AGRICULTURE	01-09	268.1	288.9	308.1	315.7	323.5	314.7	323.9	338.6	352.3	354.4	355.0
AGRICULTURAL PROD	01-02	208.3	222.4	236.9	243.7	248.2	241.7	245.1	253.6	261.9	258.6	259.3
AGRICULTURAL SERV (G)	07-09	59.8	66.6	71.2	72.0	75.3	72.9	78.9	85.0	90.3	95.8	95.7

Table 17

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA 1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
TOTAL NONAG EMPLOYMENT	9834.7	9835.9	9867.2	9838.0	9856.8	9892.5	9789.4	9748.9	9803.2	9807.6	9801.8	9828.0	9825.4
MINING	51.8	51.4	51.1	49.7	49.6	50.2	50.7	51.0	49.2	49.1	49.1	48.4	50.1
METAL MINING	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.6	1.4	1.2	1.0	1.8
FUEL MINING	42.5	42.4	42.3	41.3	41.0	41.6	42.2	42.6	41.4	41.2	41.5	41.3	41.8
NONMETAL MINING	6.9	6.7	6.6	6.3	6.5	6.6	6.6	6.6	6.2	6.5	6.4	6.1	6.5
CONSTRUCTION (B)	374.8	371.4	371.1	363.2	368.9	376.9	374.1	370.5	368.5	359.8	349.5	344.6	366.1
GENERAL BLDG CONTRACTORS	89.7	89.2	88.9	85.8	86.7	88.9	87.9	87.3	87.3	84.6	82.6	80.0	86.6
HEAVY CONSTRUCTION	81.9	81.5	81.5	79.7	81.7	83.5	82.7	81.7	80.7	77.7	75.3	74.3	80.2
SPECIAL TRADE CONTRACTOR	203.2	200.7	200.7	197.7	200.5	204.5	203.5	201.5	200.5	197.5	191.6	190.3	199.4
MANUFACTURING	1951.7	1949.4	1958.2	1940.6	1935.8	1931.4	1930.7	1946.4	1938.0	1908.1	1886.9	1864.0	1928.4
NONDURABLE GOODS	617.0	619.2	624.9	618.4	619.1	616.2	623.0	649.5	644.5	629.2	615.5	601.5	623.2
DURABLE GOODS	1334.7	1330.2	1333.3	1322.2	1316.7	1315.2	1307.7	1296.9	1293.5	1278.9	1271.4	1262.5	1305.3
FOOD & KINDRED	166.5	167.2	169.3	168.3	171.5	170.6	186.9	215.7	210.3	193.0	179.3	168.5	180.6
CANED, CURED, FROZ FISH	10.5	10.5	10.3	8.2	8.1	8.6	9.3	9.7	10.0	9.9	9.3	9.7	9.5
MEAT PRODUCTS	18.0	17.7	17.6	18.2	18.1	18.0	17.9	18.0	18.2	17.6	17.9	17.6	17.9
DAIRY PRODUCTS	13.9	13.9	13.8	13.8	13.9	14.0	14.0	14.0	13.8	13.4	13.4	13.3	13.8
PRSRVD FRUITS & VEGTBLS	40.0	41.0	43.7	44.3	45.9	45.3	62.2	90.3	83.6	65.7	52.4	44.2	54.9
GRAIN MILL PRODUCTS	8.5	8.6	8.5	8.5	8.4	8.4	8.6	8.8	8.5	9.0	8.7	8.3	8.6
BAKERY PRODUCTS	18.7	18.8	19.1	18.9	19.1	19.2	18.9	18.7	18.9	18.7	19.0	18.5	18.9
BEVERAGES	24.8	24.8	24.6	24.6	25.1	24.6	24.2	24.7	25.5	25.1	24.0	23.6	24.6
OTHER FOOD	32.1	31.9	31.7	31.8	32.9	32.5	31.8	31.5	31.8	33.6	34.6	33.3	32.5
TEXTILE MILL PRODUCTS	12.8	12.7	12.6	12.1	12.1	12.0	11.7	11.9	11.9	12.1	11.7	11.7	12.1
KNITTING MILLS	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.3	2.3	2.4	2.5	2.4	2.4
FLOOR COVERING MILLS	4.4	4.4	4.3	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	3.9	4.2
OTHR TEXTILE MILL PRODS	5.9	5.9	5.9	5.6	5.6	5.6	5.4	5.5	5.5	5.6	5.2	5.4	5.6
APPAREL & OTHER TEXTILE	102.6	104.8	107.2	105.5	105.2	104.3	99.0	98.6	99.5	101.7	103.0	102.6	102.8
MEN'S AND BOYS'	12.5	12.6	12.4	12.4	13.7	13.6	13.3	13.1	12.9	12.7	12.5	12.5	12.9
WOMEN'S & MISSES'	62.1	64.0	66.3	65.4	64.1	63.1	59.1	58.8	59.8	62.0	63.1	63.4	62.6
WOMEN'S & CHILDS UNDGMT	4.4	4.3	4.5	4.4	4.2	4.0	3.9	3.6	3.8	4.0	4.1	4.0	4.1
CHILDREN'S OUTWEAR	1.9	2.0	2.0	1.8	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
OTR APPAREL & TEXTILE	21.7	21.9	22.0	21.5	21.3	21.6	20.7	21.1	21.1	21.1	21.4	20.8	21.4
PAPER & ALLIED PRODUCTS	37.4	37.2	37.2	37.0	36.5	36.8	36.4	36.4	35.9	36.5	36.3	36.1	36.6
MISC CONVERTED PAPER	15.3	15.2	15.1	15.0	14.9	14.9	14.5	14.6	14.0	14.5	14.3	14.3	14.7
PAPERBOARD CONTAINERS	15.9	15.9	15.9	15.8	15.5	15.7	15.7	15.6	15.8	15.9	15.9	15.7	15.8
PULP,PAPER & PAPERBOARD	6.2	6.1	6.2	6.2	6.1	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.2
PRINTING & PUBLISHING	126.5	126.6	127.1	126.0	125.5	124.5	122.7	121.9	122.5	123.5	123.9	124.1	124.6
NEWSPAPERS	43.8	43.7	43.6	43.1	43.0	43.0	42.8	42.4	42.5	42.6	42.9	42.8	43.0
COMMERCIAL PRINTING	48.7	48.8	49.3	48.8	48.3	47.2	46.2	45.9	46.5	47.1	47.2	47.4	47.6
OTHER PRINTING & PUB	34.0	34.1	34.2	34.1	34.2	34.3	33.7	33.6	33.5	33.8	33.8	33.9	33.9

Table 17

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA 1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
CHEMICALS & ALLIED	65.8	65.9	65.8	65.0	64.8	64.9	64.2	63.9	64.1	63.1	62.7	60.9	64.3
INDUSTRIAL INORGANIC	7.8	7.7	7.7	7.2	7.0	7.1	6.9	6.8	6.9	6.8	6.8	6.6	7.1
PLASTICS MATERIAL & SYN	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.5
DRUGS	18.1	18.2	18.2	18.2	18.2	18.1	18.0	17.9	17.9	17.9	17.8	17.7	18.0
SOAP, CLEANERS, TOILET	14.0	14.1	14.0	14.0	14.0	14.2	14.2	14.1	14.3	14.1	14.1	12.6	14.0
PAINT & ALLIED PRODUCTS	6.8	6.8	6.7	6.7	6.8	6.8	6.7	6.7	6.6	6.5	6.5	6.4	6.7
AGRICULTURE CHEMICALS	5.0	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.0	4.0	4.5
OTHR CHEMICALS & ALLIED	10.7	10.7	10.8	10.6	10.6	10.6	10.5	10.6	10.7	10.3	10.1	10.2	10.5
PETROLEUM & COAL PRODUCT	31.8	31.6	31.8	31.4	31.8	32.1	32.2	32.1	32.0	31.4	31.4	31.4	31.8
PETROLEUM REFINING	28.1	28.1	28.1	28.2	28.2	28.4	28.5	28.5	28.3	27.7	27.7	27.8	28.1
OTHER PETROLEUM & COAL	3.7	3.5	3.7	3.2	3.6	3.7	3.7	3.6	3.7	3.7	3.7	3.6	3.6
RUBBER & MISC PLASTIC	62.2	62.0	63.0	62.1	61.1	60.2	59.5	59.1	58.4	57.7	57.1	56.5	59.9
TIRES AND INNER TUBES	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
RUBBER FOOT & FAB RUB	10.0	9.6	10.1	9.7	9.5	9.3	9.2	9.2	9.3	9.3	9.1	9.0	9.4
MISC PLASTICS PRODUCTS	49.8	49.9	50.4	49.9	49.2	48.7	48.1	47.7	46.9	46.2	45.8	45.3	48.2
OTHER RUBBER & PLASTICS	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
LEATHER AND LEATHER PROD	11.4	11.2	10.9	11.0	10.6	10.8	10.4	9.9	9.9	10.2	10.1	9.7	10.5
LUMBER & WD PROD EXC FUR	44.8	44.6	44.5	44.4	45.4	45.9	45.9	46.0	45.6	43.8	42.2	41.2	44.5
LOGGING CAMP & SAW MILL	16.1	16.3	16.2	16.4	17.0	17.3	17.5	17.8	17.8	16.4	15.2	14.0	16.5
MILLWORK & PLYWOOD	13.0	12.7	12.4	12.0	12.2	12.3	12.1	12.2	12.4	12.3	12.4	12.6	12.4
WOODEN CONTAINERS	3.4	3.5	3.6	3.7	4.0	4.2	4.1	4.0	4.1	3.7	3.2	3.1	3.7
OTHR LUMBER & WOOD PROD	12.3	12.1	12.3	12.3	12.2	12.1	12.2	12.0	11.3	11.4	11.4	11.5	11.9
FURNITURE & FIXTURES	51.2	50.4	50.0	49.7	49.8	49.3	48.3	48.0	48.6	48.3	48.9	48.8	49.3
HOUSEHOLD FURNITURE	30.5	30.1	29.7	29.6	29.2	28.6	27.8	27.4	28.1	28.2	29.0	29.1	28.9
PARTITIONS AND FIXTURES	6.6	6.4	6.3	6.2	6.5	6.6	6.4	6.6	6.5	6.4	6.3	6.0	6.4
OTHER FURNITURE AND FIX	14.1	13.9	14.0	13.9	14.1	14.1	14.1	14.0	14.0	13.7	13.6	13.7	13.9
STONE, CLAY & GLASS PROD	52.0	50.9	50.9	49.3	49.0	50.5	50.4	49.3	49.2	49.1	49.0	47.8	49.8
GLASS & GLASS PRODUCTS	17.0	16.7	16.6	16.6	16.3	16.5	16.9	16.9	16.7	16.6	16.6	16.1	16.6
CEMENT, HYDRAULIC	3.7	3.5	3.7	3.5	3.6	3.7	3.8	3.7	3.8	3.7	3.9	3.7	3.7
STRUCTURAL CLAY PRODUCT	2.6	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.4	2.3	2.2	2.2	2.4
POTTERY AND RELATED	5.0	5.0	5.0	5.1	5.0	5.1	4.9	4.7	5.0	5.0	5.1	4.9	5.0
CONCRETE & PLASTER PROD	14.1	13.8	13.6	12.1	12.3	13.6	13.7	13.1	12.7	12.7	12.5	12.3	13.0
OTHR STONE,CLAY & GLASS	9.6	9.4	9.5	9.5	9.2	9.1	8.6	8.4	8.6	8.8	8.7	8.6	9.0
PRIMARY METAL INDUSTRIES	52.3	51.6	51.1	51.2	49.5	48.2	46.7	44.9	44.3	43.6	42.9	42.1	47.4
BLAST FURNACE & STEEL	14.3	13.7	13.6	14.0	13.3	12.7	12.3	11.2	10.9	10.7	10.4	9.8	12.2
IRON & STEEL FOUNDRIES	9.0	9.1	9.0	9.0	8.4	8.0	7.8	7.4	7.2	7.1	7.0	6.7	8.0
NONFEROUS ROLING & DRAW	14.0	13.7	13.5	13.2	13.3	13.4	13.1	12.9	13.0	12.8	12.8	12.9	13.2
NONFEROUS FOUNDRIES	10.2	10.3	10.2	10.0	9.8	9.7	9.3	9.1	8.9	8.8	8.8	8.7	9.5
OTHER PRIMARY METALS	4.8	4.8	4.8	5.0	4.7	4.4	4.2	4.3	4.3	4.2	3.9	4.0	4.5

Table 17

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA 1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
FABRICATED METAL PRODUCT	144.1	143.3	142.6	140.7	139.5	138.7	136.2	134.7	134.5	131.2	130.7	129.8	137.2
CANS AND SHIPPING CONT	9.0	9.4	9.4	9.2	9.4	9.7	9.6	9.8	9.8	8.8	8.6	8.2	9.2
CUTLERY, HANDTOOL, HDWR	15.3	15.3	15.0	14.4	14.3	14.5	14.1	14.0	13.9	13.8	13.8	13.7	14.3
PLUMBING & HEATING	7.1	7.0	6.9	6.7	6.7	6.4	6.2	6.3	6.5	6.6	6.6	6.7	6.6
STRUCTURAL METAL PRODS	47.1	47.0	46.6	45.7	45.3	44.8	44.2	43.3	43.2	42.4	41.8	41.2	44.4
SCREW MACHINE PRODUCTS	13.9	13.5	13.3	13.3	12.8	12.6	12.4	12.0	12.0	11.5	11.5	11.5	12.5
METAL FORGING AND STAMP	14.1	13.9	13.8	13.5	13.3	13.4	13.1	13.1	13.2	12.6	13.1	13.0	13.3
METAL SERVICES, NEC	18.5	18.5	18.7	19.0	18.8	18.9	18.4	18.1	17.9	17.6	17.4	17.6	18.3
OTHER FABRICATED METAL	19.1	18.7	18.9	18.9	18.9	18.4	18.2	18.1	18.0	17.9	17.9	17.9	18.4
MACHINERY EXC ELECTRICAL	234.2	235.0	237.1	234.1	230.3	228.2	224.3	221.5	217.3	212.1	210.6	209.5	224.5
FARM & GARDEN MACHINERY	5.1	5.4	5.5	5.5	5.3	4.7	4.3	4.2	4.1	4.0	3.8	3.7	4.6
CONSTRUCTION & RELATED	23.6	23.6	23.5	22.5	21.1	20.9	19.4	18.6	17.2	16.7	16.3	16.0	20.0
METALWORKING MACHINERY	17.9	17.8	18.3	17.9	17.3	17.0	16.5	16.3	15.8	15.6	15.3	15.0	16.7
SPECIAL INDUSTRY MACH	13.1	13.1	13.1	13.1	13.0	12.8	12.7	12.2	12.0	11.8	11.7	11.6	12.5
GENERAL INDUSTRY MACH	20.3	20.4	20.5	20.2	19.9	19.8	18.5	18.6	18.1	17.7	17.6	17.4	19.1
OFFICE & COMPUTING MACH	102.6	103.3	104.4	103.7	103.4	103.5	103.9	104.4	102.5	101.2	101.5	101.7	103.0
REFRIGERATION & SERVICE	8.1	8.1	8.2	8.2	8.2	8.3	8.3	7.8	8.0	7.8	7.7	7.7	8.0
OTHR MACHINERY EXC ELEC	43.5	43.3	43.6	43.0	42.1	41.2	40.7	39.4	39.6	37.3	36.7	36.4	40.6
ELECTRICAL EQUIP & SUP	343.9	344.0	344.8	343.3	343.3	344.1	344.7	344.0	342.7	340.4	340.4	339.2	342.9
ELECTRI DISTRIBUTION EQ	8.9	8.9	8.9	8.1	8.1	8.0	7.9	7.8	7.8	7.6	7.4	7.4	8.1
INDUSTRIAL APPARATUS	14.1	14.0	13.9	13.8	13.6	13.5	13.2	13.0	12.9	12.8	12.6	12.5	13.3
HOUSEHOLD APPLIANCES	5.8	5.8	5.1	4.8	4.9	4.9	4.6	4.6	4.7	4.2	4.7	4.7	4.9
LIGHTING & WIRING EQUIP	21.6	21.1	20.9	20.8	20.6	20.5	19.9	19.5	19.2	18.5	18.6	18.6	20.0
RADIO & TV RECEIVING EQ	15.9	16.1	15.7	15.7	15.5	15.4	15.3	15.4	15.0	14.6	14.4	13.7	15.2
COMMUNICATION EQUIPMENT	142.4	142.8	144.1	144.2	144.4	145.1	146.6	146.6	147.1	147.6	148.6	148.9	145.7
ELECTRONIC COMP & ACCES	126.4	126.5	127.5	127.4	127.8	128.4	128.9	128.8	127.5	126.6	125.8	125.2	127.2
MISC ELEC EQUIP & SUP	8.8	8.8	8.7	8.5	8.4	8.3	8.3	8.3	8.5	8.5	8.3	8.2	8.5
TRANSPORTATION EQUIPMENT	266.4	265.2	266.6	262.8	263.6	263.9	263.8	261.2	263.8	264.1	260.4	259.5	263.4
MOTOR VEHICLES & EQUIP	31.9	31.4	33.3	31.0	30.4	30.0	29.8	28.4	29.2	29.0	24.9	24.5	29.5
AIRCRAFT AND PARTS	140.7	139.8	139.4	138.0	138.3	138.3	138.6	138.8	139.0	139.2	139.7	140.0	139.2
SHIP & BOAT BLDG & REP	22.5	22.5	22.0	22.1	21.9	22.6	21.9	21.5	22.2	22.1	21.6	20.5	22.0
GUIDED MISS, SPACE VECH	61.8	62.0	62.2	62.3	63.6	63.8	64.3	64.3	64.2	64.4	64.6	64.9	63.5
OTHER TRANSPORT & EQUIP	9.5	9.5	9.7	9.4	9.4	9.2	9.2	8.2	9.2	9.4	9.6	9.6	9.3
INSTRUMENTS & RELATED	103.6	103.0	103.3	102.9	102.3	102.1	102.6	101.6	100.9	100.8	100.5	99.7	101.9
MEASURING & CONTROLLING	48.8	48.6	48.5	48.0	47.9	47.6	48.0	47.7	47.1	47.0	47.0	46.7	47.7
OTHER INSTR & RELATED	54.8	54.4	54.8	54.9	54.4	54.5	54.6	53.9	53.8	53.8	53.5	53.0	54.2
MISC MANUFACT INDUSTRIES	42.2	42.2	42.4	43.8	44.0	44.3	44.8	45.7	46.6	45.5	45.8	44.9	44.4
TOYS AND SPORTING GOODS	19.6	19.8	20.1	21.1	21.6	21.7	22.3	22.7	23.1	21.6	22.0	21.4	21.4
OTHR MISC MANUFACTURING	22.6	22.4	22.3	22.7	22.4	22.6	22.5	23.0	23.5	23.9	23.8	23.5	22.9

Table 17

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA 1982(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
TRANSPORTATION & PUB UTLTY	544.7	540.8	539.7	541.1	542.6	546.8	547.4	543.5	547.4	542.5	539.9	540.2	543.0
TRANSPORTATION	288.4	284.6	283.3	283.2	285.0	288.0	289.3	286.5	290.4	285.8	283.5	283.8	286.0
RAILROADS	28.6	28.3	27.6	27.8	27.3	26.3	25.5	24.5	23.5	23.9	23.4	23.1	25.8
TRUCKING AND WAREHOUSING	109.2	107.9	108.3	107.9	110.1	112.0	113.1	114.1	114.7	114.0	112.9	114.2	111.5
OTHER TRANSPORTATION	150.6	148.4	147.4	147.5	147.6	149.7	150.7	147.9	152.2	147.9	147.2	146.5	148.6
COMMUNICATIONS	184.6	184.6	184.8	186.2	185.7	186.5	185.3	184.3	184.1	183.7	183.3	183.1	184.7
ELECTRIC GAS & SANITARY	71.7	71.6	71.6	71.7	71.9	72.3	72.8	72.7	72.9	73.0	73.1	73.3	72.4
WHOLESALE & RETAIL TRADE	2272.6	2252.4	2252.5	2252.4	2266.7	2279.5	2276.9	2273.2	2281.6	2269.8	2289.3	2337.8	2275.4
WHOLESALE TRADE	578.4	577.4	579.3	579.6	579.9	583.2	585.2	585.2	586.4	586.7	582.8	584.6	582.4
RETAIL TRADE	1694.2	1675.0	1673.2	1672.8	1686.8	1696.3	1691.7	1688.0	1695.2	1683.1	1706.5	1753.2	1693.0
GENERAL MERCHANDISE	251.8	234.3	227.6	224.8	222.6	219.2	220.7	218.9	221.9	225.9	241.9	262.5	231.0
FOOD STORES	247.6	248.0	248.9	246.8	248.0	251.1	251.1	251.1	252.1	253.1	255.1	257.2	250.8
OTHER RETAIL TRADE	1194.8	1192.7	1196.7	1201.2	1216.2	1226.0	1219.9	1218.0	1221.2	1204.1	1209.5	1233.5	1211.1
FINANCE INS & REAL ESTATE	643.6	644.0	646.9	644.5	643.8	645.4	647.7	646.2	644.8	643.1	644.2	646.6	645.1
FINANCE	318.8	319.1	320.5	318.4	317.6	317.6	318.5	317.7	316.0	316.7	317.4	318.6	318.1
INS CARRIER, AGTS BROKER	186.2	186.7	187.6	187.2	187.1	187.3	187.7	187.7	187.7	186.3	186.7	187.3	187.1
REAL ESTATE	123.4	122.6	123.2	123.4	123.6	124.5	125.5	124.7	124.9	123.9	123.9	124.4	124.0
COMB HOLDING & OTHR INVS	15.2	15.6	15.6	15.5	15.5	16.0	16.0	16.1	16.2	16.2	16.2	16.3	15.9
SERVICES	2242.4	2257.2	2272.5	2276.7	2277.4	2287.8	2298.2	2295.0	2297.0	2296.3	2300.4	2307.5	2284.0
HOTELS AND OTHER LODGING	115.5	116.7	118.0	116.0	116.7	118.9	119.9	119.5	117.0	115.8	117.3	117.5	117.4
PERSONAL SERVICES	108.2	109.6	106.2	103.8	102.0	101.8	102.0	101.0	102.0	101.8	102.4	102.8	103.6
BUSINESS SERVICES	485.1	485.3	490.5	489.3	491.3	496.8	498.8	498.8	501.8	499.5	500.5	502.9	495.0
AUTO AND MISC REPAIR	132.0	132.5	133.2	133.1	134.2	135.2	135.0	134.0	134.5	133.8	133.3	134.0	133.7
MOTION PICTURES	76.9	74.4	76.6	74.0	72.2	73.4	74.2	72.8	72.1	72.6	74.0	78.7	74.3
AMUSEMENT & RECREATION	91.2	94.5	96.4	102.8	102.8	105.5	107.0	105.3	100.3	94.3	92.3	94.2	98.9
HEALTH SERVICES	591.3	594.1	596.4	598.4	600.9	603.1	605.3	607.1	607.1	606.5	605.9	602.9	601.6
OTHER SERVICES	642.2	650.1	655.2	659.3	657.3	653.1	656.0	656.5	662.2	672.0	674.7	674.5	659.4
GOVERNMENT (C)	1753.1	1769.3	1775.2	1769.8	1772.0	1774.8	1663.7	1623.1	1676.7	1738.9	1742.5	1738.9	1733.2
FEDERAL GOVERNMENT	322.7	323.4	324.1	324.3	325.6	326.9	328.1	327.1	321.0	322.1	323.3	325.0	324.5
STATE & LOCAL GOVERNMENT	1430.4	1445.9	1451.1	1445.5	1446.4	1447.9	1335.6	1296.0	1355.7	1416.8	1419.2	1413.9	1408.7
COUNTY	220.9	221.6	221.8	221.8	222.5	224.5	226.5	225.6	222.7	220.0	219.6	218.7	222.2
CITY (D)	183.8	184.1	184.8	186.3	188.2	191.4	196.8	196.0	187.6	185.5	184.9	184.9	187.9
EDUCATION (E)	772.6	786.3	790.7	784.2	782.6	777.2	655.2	616.2	686.2	754.2	758.7	754.7	743.2
EDUCATION STATE	135.9	141.0	141.2	139.2	138.2	133.2	123.2	118.2	128.2	136.2	138.2	135.2	134.0
EDUCATION LOCAL	636.7	645.3	649.5	645.0	644.4	644.0	532.0	498.0	558.0	618.0	620.5	619.5	609.2
OTHER STATE & LOCAL	253.1	253.9	253.8	253.2	253.1	254.8	257.1	258.2	259.2	257.1	256.0	255.6	255.4
OTHER STATE	171.8	172.3	171.7	171.3	170.8	172.2	173.0	174.1	174.2	173.5	172.4	171.9	172.4
SPECIAL DISTRICT	81.3	81.6	82.1	81.9	82.3	82.6	84.1	84.1	85.0	83.6	83.6	83.7	83.0
ESTIMATED AGRICULTURAL WAGE AND SALARY EMPLOYMENT 1982 (F)													
AGRICULTURE	276.1	272.7	267.1	302.6	381.8	429.3	424.2	438.4	474.6	383.3	298.3	311.4	355.0
AGRICULTURAL PROD	206.4	203.0	200.5	224.3	277.3	308.6	304.2	316.8	346.6	280.0	215.8	227.8	259.3
AGRICULTURAL SERV (G)	69.7	69.7	66.6	78.3	104.5	120.7	120.0	121.6	128.0	103.3	82.5	83.6	95.7

Tables 16 & 17

FOOTNOTES

(A) DOES NOT INCLUDE PROPRIETORS, THE SELF-EMPLOYED, UNPAID VOLUNTEERS OR FAMILY WORKERS, FARM WORKERS, DOMESTIC WORKERS IN HOUSEHOLDS, AND PERSONS IN LABOR MANAGEMENT TRADE DISPUTES. FURTHERMORE, ANNUAL AVERAGE MAY DIFFER FROM THE TRUE ARITHMETIC MEAN BY 0.1 THOUSAND JOBS DUE TO COMPUTER ROUNDING.

(B) INCLUDES EMPLOYEES OF CONSTRUCTION CONTRACTORS AND OPERATIVE BUILDERS; DOES NOT INCLUDE FORCED ACCOUNT OR GOVERNMENT CONSTRUCTION WORKERS.

(C) INCLUDES ALL CIVILIAN EMPLOYEES OF FEDERAL, STATE AND LOCAL GOVERNMENTS REGARDLESS OF THE ACTIVITY IN WHICH THE EMPLOYEE IS ENGAGED.

(D) INCLUDES ALL EMPLOYEES OF THE CITY AND COUNTY OF SAN FRANCISCO.

(E) INCLUDES ALL EMPLOYEES OF STATE AND LOCAL PUBLIC SCHOOLS.

(F) EMPLOYMENT REPORTED BY PLACE OF WORK. DOES NOT INCLUDE FARMERS OR UNPAID FAMILY WORKERS.

(G) AG SERVICES, FORESTRY AND FISHING- DEFINITION CHANGED TO EXCLUDE VETERINARY, OTHER ANIMAL, LANDSCAPE AND HORTICULTURAL SERVICE (SIC 074, 075, 078)

Table 18

Nonagricultural Wage and Salary Employment by Major Industry Group
1939-1982

	Nonag	ME	Const	Mfg	TPU	Trade	FIRE	Svc	Govt
1939	1,812.0	40.0	78.8	384.4	185.1	504.7	93.9	274.7	250.3
1940	1,931.8	40.0	92.1	440.2	190.3	524.2	98.3	280.4	266.3
1941	2,264.9	40.1	138.5	593.6	213.0	572.1	102.4	297.4	307.8
1942	2,689.6	33.8	155.5	876.0	233.8	588.0	97.2	321.3	384.1
1943	3,083.6	29.4	140.3	1,165.5	250.8	596.1	94.9	341.5	465.0
1944	3,116.4	29.9	135.9	1,109.7	268.0	614.0	93.2	355.2	510.6
1945	2,961.3	30.6	139.0	860.8	279.5	654.2	97.8	365.7	533.7
1946	2,972.6	33.5	177.7	706.7	295.5	737.1	116.9	405.0	500.2
1947	3,080.0	34.2	209.0	721.8	312.6	774.7	125.8	418.9	483.0
1948	3,162.8	35.6	232.7	734.2	317.9	790.6	132.3	418.7	500.9
1949	3,088.1	34.4	204.4	701.5	306.0	767.2	134.2	415.6	524.6
1950	3,209.4	32.3	235.0	759.7	307.1	783.2	142.1	416.8	533.3
1951	3,518.3	35.0	250.9	892.5	327.1	820.9	150.3	441.7	599.9
1952	3,737.8	35.9	250.6	994.6	336.3	852.6	157.9	469.0	640.9
1953	3,880.7	37.3	261.5	1,060.8	346.6	881.1	166.7	480.4	646.4
1954	3,866.1	36.1	255.0	1,048.6	336.5	877.2	170.4	487.8	654.5
1955	4,082.9	36.8	284.0	1,121.1	347.4	915.6	180.4	516.5	681.2
1956	4,352.3	37.0	302.3	1,218.0	364.9	963.1	193.2	549.2	724.6
1957	4,525.2	36.5	287.5	1,283.8	372.8	986.9	203.7	593.1	760.9
1958	4,498.6	33.4	286.7	1,217.4	353.7	973.0	212.6	623.2	798.6
1959	4,774.8	32.4	308.4	1,312.6	354.8	1,030.8	226.2	677.2	832.4
1960	4,896.0	30.6	294.8	1,317.2	356.9	1,067.6	243.2	711.7	874.0
1961	4,996.1	30.3	294.4	1,318.0	351.2	1,080.6	253.0	748.3	920.3
1962	5,217.7	30.2	307.7	1,382.5	357.0	1,121.4	265.4	790.7	962.8
1963	5,412.3	29.6	329.0	1,394.3	360.3	1,169.0	281.0	847.5	1,001.6
1964	5,606.5	31.0	340.4	1,389.4	371.0	1,224.5	296.7	910.0	1,043.5
1965	5,800.3	31.7	323.7	1,411.2	387.1	1,269.7	306.7	964.8	1,105.4
1966	6,145.2	32.3	305.6	1,531.3	410.3	1,329.3	310.6	1,029.1	1,196.7
1967	6,367.6	31.9	275.2	1,594.0	428.7	1,358.7	319.3	1,085.5	1,274.3
1968	6,642.1	32.5	290.7	1,639.7	440.7	1,418.1	337.8	1,146.8	1,335.8
1969	6,931.5	32.6	310.3	1,661.3	460.7	1,493.0	358.4	1,223.2	1,391.7
1970	6,946.2	31.4	303.0	1,558.0	459.1	1,529.3	374.5	1,266.2	1,424.7
1971	6,917.0	30.4	301.5	1,473.2	452.6	1,545.2	386.8	1,281.0	1,446.3
1972	7,209.9	29.2	320.7	1,536.0	454.1	1,608.6	409.3	1,359.4	1,492.6
1973	7,621.9	30.5	344.8	1,653.5	467.0	1,703.2	431.6	1,466.5	1,524.8
1974	7,834.3	32.8	334.0	1,694.0	470.7	1,752.0	444.8	1,520.1	1,585.9
1975	7,847.2	33.9	303.3	1,586.9	458.1	1,786.3	446.4	1,561.7	1,670.6
1976	8,154.2	34.7	317.6	1,650.9	463.9	1,875.6	468.7	1,647.3	1,695.6
1977	8,599.7	35.6	366.1	1,728.3	476.5	1,982.4	505.4	1,764.7	1,740.7
1978	9,199.8	37.1	417.5	1,875.2	506.4	2,126.0	553.2	1,931.3	1,753.1
1979	9,664.6	39.3	463.3	2,002.7	534.7	2,223.8	595.9	2,070.0	1,735.0
1980	9,852.4	43.5	444.8	2,007.8	546.3	2,266.8	623.1	2,156.2	1,763.9
1981	9,996.3	49.2	427.7	2,022.7	554.8	2,301.5	642.9	2,241.0	1,756.5
1982	9,825.4	50.1	366.1	1,928.4	543.0	2,275.4	645.1	2,284.0	1,733.2

Source: California Employment Development Department
Employment Data and Research Division
Employment Reports Group

TABLE 19 INDUSTRY-OCCUPATION EMPLOYMENT (MATRIX) SUMMARY, 1980 and 1985[a/]
STATE OF CALIFORNIA (in thousands)

MAJOR OCCUPATIONAL GROUP	YEAR	TOTAL ALL INDUSTRIES	AGRICULTURE, FORESTRY, FISHERIES	MINING	CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS, UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE INDUSTRIES	PUBLIC ADMINISTRATION
		INDUSTRY DIVISION									
Total, All Occupations	80	10,873	477	45	562	2,067	620	2,450	668	3,422	562
	85	12,555	527	50	647	2,406	680	2,865	803	4,017	559
Professional, Technical, Kindred	80	1,886	15	8	32	304	58	70	27	1,273	100
	85	2,158	17	9	36	354	64	83	31	1,465	98
Managers, Officials, Proprietors	80	1,184	4	4	75	175	58	407	154	254	53
	85	1,394	5	4	90	207	65	472	190	307	53
Sales Workers	80	754	2	0	2	63	8	492	160	25	0
	85	881	2	0	3	75	9	566	194	32	0
Clerical Workers	80	2,159	9	6	43	290	163	429	293	722	205
	85	2,509	10	7	49	340	177	500	346	882	199
Crafts and Kindred Workers	80	1,282	8	10	292	388	131	192	8	207	46
	85	1,483	9	11	342	448	143	222	10	255	44
Operatives	80	1,351	8	16	39	751	132	253	2	135	14
	85	1,554	9	18	47	874	146	283	3	160	14
Service Workers	80	1,392	2	1	4	29	23	473	16	724	120
	85	1,620	3	1	4	34	24	584	20	823	128
Laborers, except Farm	80	515	78	1	76	65	47	133	8	82	24
	85	583	100	2	77	74	51	154	10	92	24
Farmers and Farm Workers	80	350	350	0	0	0	0	0	0	0	0
	85	373	373	0	0	0	0	0	0	0	0

a/ Subtotals may not add to totals because of rounding.

TABLE 20 PERCENTAGE DISTRIBUTION OF EMPLOYMENT BY INDUSTRIES WITHIN OCCUPATION, 1980 AND 1985a/ STATE OF CALIFORNIA

MAJOR OCCUPATIONAL GROUP	YEAR	TOTAL ALL INDUSTRIES	AGRICULTURE, FORESTRY, FISHERIES	MINING	CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS, UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE INDUSTRIES	PUBLIC ADMINISTRATION
		INDUSTRY DIVISION									
Total, All Occupations	80	100.0	4.4	0.4	5.2	19.0	5.7	22.5	6.1	31.5	5.2
	85	100.0	4.2	0.4	5.2	19.2	5.4	22.8	6.4	32.0	4.5
Professional, Technical, Kindred	80	100.0	0.8	0.4	1.7	16.1	3.1	3.7	1.4	67.5	5.3
	85	100.0	0.8	0.4	1.7	16.4	3.0	3.8	1.5	67.9	4.5
Managers, Officials, Proprietors	80	100.0	0.4	0.3	6.3	14.8	4.9	34.4	13.0	21.4	4.5
	85	100.0	0.4	0.3	6.4	14.9	4.7	33.9	13.6	22.0	3.8
Sales Workers	80	100.0	0.2	–	0.3	8.4	1.0	65.3	21.3	3.3	0.1
	85	100.0	0.2	–	0.3	8.5	1.0	64.3	22.0	3.6	0.1
Clerical Workers	80	100.0	0.4	0.3	2.0	13.5	7.5	19.9	13.6	33.4	9.5
	85	100.0	0.4	0.3	2.0	13.5	7.0	19.9	13.8	35.2	7.9
Crafts and Kindred Workers	80	100.0	0.6	0.8	22.8	30.3	10.2	15.0	0.6	16.2	3.6
	85	100.0	0.6	0.7	23.0	30.2	9.6	15.0	0.7	17.2	3.0
Operatives	80	100.0	0.6	1.2	2.9	55.6	9.8	18.7	0.2	10.0	1.0
	85	100.0	0.6	1.1	3.0	56.3	9.4	18.2	0.2	10.3	0.9
Service Workers	80	100.0	0.2	–	0.3	2.1	1.7	34.0	1.1	52.0	8.6
	85	100.0	0.2	–	0.3	2.1	1.5	36.0	1.2	50.8	7.9
Laborers, except Farm	80	100.0	15.2	0.3	14.7	12.6	9.2	25.9	1.6	16.0	4.7
	85	100.0	17.1	0.3	13.2	12.7	8.8	26.4	1.8	15.7	4.1
Farmers and Farm Workers	80	100.0	100.0	–	–	–	–	–	–	–	–
	85	100.0	100.0	–	–	–	–	–	–	–	–

a/ The percentages were computed from unrounded data and therefore may differ from percentages computed using the rounded figures in Table 3.1. Parts may not add to 100 percent due to rounding.

TABLE 21 PERCENTAGE DISTRIBUTION OF EMPLOYMENT BY OCCUPATIONS WITHIN INDUSTRY, 1980 AND 1985a/
STATE OF CALIFORNIA

MAJOR OCCUPATIONAL GROUP	YEAR	TOTAL ALL INDUSTRIES	AGRICULTURE, FORESTRY, FISHERIES	MINING	CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS, UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE INDUSTRIES	PUBLIC ADMINISTRATION
		INDUSTRY DIVISION									
Total, All Occupations	80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	85	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Professional, Technical, Kindred	80	17.3	3.2	16.6	5.7	14.7	9.3	2.8	4.0	37.2	17.8
	85	17.2	3.1	17.1	5.6	14.7	9.5	2.9	3.9	36.5	17.6
Managers, Officials, Proprietors	80	10.9	0.9	8.6	13.3	8.5	9.3	16.6	23.1	7.4	9.4
	85	11.1	1.0	8.7	13.9	8.6	9.6	16.5	23.6	7.6	9.4
Sales Workers	80	6.9	0.4	0.6	0.4	3.1	1.2	20.1	24.0	0.7	0.1
	85	7.0	0.4	0.6	0.4	3.1	1.3	19.8	24.1	0.8	0.1
Clerical Workers	80	19.9	1.9	12.9	7.6	14.1	26.3	17.5	43.8	21.1	36.4
	85	20.0	1.9	13.0	7.6	14.1	26.0	17.5	43.0	22.0	35.6
Crafts and Kindred Workers	80	11.8	1.6	22.0	51.9	18.8	21.2	7.8	1.2	6.1	8.1
	85	11.8	1.7	21.3	52.8	18.6	21.0	7.8	1.2	6.4	7.8
Operatives	80	12.4	1.7	35.2	7.0	36.3	21.4	10.3	0.3	3.9	2.5
	85	12.4	1.7	35.2	7.2	36.3	21.5	9.9	0.3	4.0	2.5
Service Workers	80	12.8	0.5	1.1	0.6	1.4	3.8	19.3	2.4	21.2	21.4
	85	12.9	0.5	1.1	0.7	1.4	3.6	20.4	2.5	20.5	22.8
Laborers, except Farm	80	4.7	16.4	3.1	13.5	3.1	7.6	5.4	1.2	2.4	4.3
	85	4.6	18.9	3.0	11.9	3.1	7.5	5.4	1.3	2.3	4.2
Farmers and Farm Workers	80	3.2	73.4	–	–	–	–	–	–	–	–
	85	3.0	70.8	–	–	–	–	–	–	–	–

a/ The percentages were computed from unrounded data and therefore may differ from percentages computed using the rounded figures in Table 3.1. Parts may not add to 100 percent due to rounding.

Table 22 - DETAILED OCCUPATIONAL EMPLOYMENT BY INDUSTRY DIVISION FOR STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY FISHERIES		MINING		CONSTRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
1	TOTAL, ALL OCCUPATIONS	10872834	12554991	477070	527492	45309	50417	562242	647190	2066772	2406219
2	PROFESSIONAL, TECHNICAL, KINDRED	1886297	2158362	15092	16533	7541	8597	32047	36427	304297	354490
3	ENGINEERS, TECHNICAL	217065	259450	435	483	2339	2665	16520	18883	119068	139992
4	ENGINEERS, AERO-ASTRONAUTIC	21371	23972	0	0	0	0	0	0	19325	21546
5	ENGINEERS, CHEMICAL	4663	5529	0	0	103	116	318	359	2994	3464
6	ENGINEERS, CIVIL	32877	39196	221	203	157	178	12720	14468	1979	2247
7	ENGINEERS, ELECTRICAL	65992	79725	4	4	104	120	1154	1349	42336	51353
8	ENGINEERS, INDUSTRIAL	25019	30262	74	70	139	157	570	653	15519	18254
9	ENGINEERS, MECHANICAL	30062	35779	68	134	225	257	1163	1359	19851	22994
10	ENGINEERS, METALLURGICAL	1749	2039	0	0	12	13	31	35	1398	1607
11	ENGINEERS, MINING	472	592	0	0	119	127	42	47	48	56
12	ENGINEERS, PETROLEUM	1785	2071	8	9	1305	1502	14	16	181	210
13	ENGINEERS, SALES	6604	7969	2	3	54	61	215	260	2770	3346
14	ENGINEERS, OTHER	26469	32315	58	60	120	134	293	338	12668	14915
15	LIFE AND PHYSICAL SCIENTISTS	31650	36734	871	1002	1656	1894	116	133	9300	10887
16	AGRICULTURAL SCIENTISTS	1939	2134	609	689	0	0	32	36	92	97
17	ATMOSPHERIC, SPACE SCIENTISTS	927	1034	0	0	0	0	0	0	213	244
18	BIOLOGICAL SCIENTISTS	5072	5871	213	262	0	0	4	5	558	668
19	CHEMISTS	13437	15677	49	51	294	332	5	6	6479	7573
20	GEOLOGISTS	3206	3761	0	0	1353	1552	56	63	234	268
21	MARINE SCIENTISTS	1367	1576	0	0	0	0	9	11	9	11
22	PHYSICISTS AND ASTRONOMERS	5549	6503	0	0	9	10	10	12	1632	1929
23	LIFE, PHYSICAL SCIENTISTS NEC	152	178	0	0	0	0	0	0	83	96
24	MATHEMATICAL SPECIALISTS	5117	5937	12	10	20	22	67	75	1582	1829
25	ACTUARIES	508	613	0	0	0	0	0	0	0	0
26	MATHEMATICIANS	1622	1894	6	5	8	9	21	23	556	650
27	STATISTICIANS	2986	3429	6	5	12	13	46	52	1026	1179
28	ENGINEERS, SCIENCE TECHNICIANS	134054	158162	1241	1375	1381	1574	7833	8570	63728	74535
29	AGRI, BIOLOG TECH EXC HEALTH	4754	5356	629	674	8	9	217	245	2335	2650
30	CHEMICAL TECHNICIANS	6613	7617	0	0	353	405	98	110	3840	4448
31	DRAFTERS	47038	55810	289	350	358	410	3882	4329	19815	22062
32	ELECTRICAL, ELECTRONIC TECH	76782	94130	23	20	83	95	405	483	22245	27143
33	INDUSTRIAL ENGINEERING TECH	2846	3287	0	0	16	16	0	0	2384	2755
34	MATHEMATICAL TECHN	240	287	0	0	0	0	0	0	72	82
35	MECHANICAL ENGINEERING TECH	1987	2348	4	4	6	6	0	0	1635	1912
36	SURVEYORS	8022	9143	122	112	83	96	1831	1819	86	99
37	ENGINEERING, SCIENCE TECH NEC	25772	30185	175	215	475	537	1398	1584	11314	13383
38	MEDICAL WORKERS, EXC TECH	247468	293954	3661	3888	12	13	12	13	1312	1553
39	CHIROPRACTORS	9050	11946	0	0	0	0	0	0	0	0
40	DENTISTS	17550	20339	0	0	0	0	0	0	45	58
41	DIETITIANS	3365	4049	6	6	0	0	0	0	16	18
42	OPTOMETRISTS	11766	15706	9	0	0	0	0	0	0	0
43	PHARMACISTS	13881	16679	8	0	0	0	0	0	118	152
44	PHYSICIANS, MD OSTEOPATHS	52631	64263	10	11	0	0	0	0	146	173
45	PODIATRISTS	3430	4151	0	0	0	0	0	0	0	0
46	REGISTERED NURSES	111108	127750	25	27	12	13	12	13	973	1138
47	THERAPISTS	18322	22083	0	0	0	0	0	0	0	0
48	VETERINARIANS	4174	4474	3620	3844	0	0	0	0	13	15
49	OTHER MEDICAL AND HEALTH	2197	2494	0	0	0	0	0	0	0	0
50	HEALTH TECHNOL AND TECH	55637	68551	62	63	8	9	0	0	757	944
51	CLINICAL LAB TECHNOL, TECH	24616	29714	8	9	0	0	0	0	45	50
52	DENTAL HYGIENISTS	5426	7367	0	0	0	0	0	0	15	19
53	HEALTH RECORD TECHNOL, TECH	1991	2399	0	0	0	0	0	0	0	0
54	RADIOLOGIC TECHNOL, TECH	11356	14469	0	0	0	0	0	0	9	10
55	THERAPY ASSISTANTS	702	838	0	0	0	0	0	0	6	8
56	OTHER HEALTH TECHNOL, TECH	11546	13763	54	55	8	9	0	0	682	857
57	TECHNICIANS, EXC HEALTH	28472	31760	916	1075	88	101	177	204	1727	1978
58	AIRPLANE PILOTS	11600	12987	839	1006	9	10	28	33	396	441
59	AIR TRAFFIC CONTROLLERS	3421	3650	0	0	0	0	0	0	0	0
60	EMBALMERS	689	834	0	0	0	0	0	0	0	0
61	FLIGHT ENGINEERS	2091	2305	0	0	0	0	0	0	108	119
62	RADIO OPERATORS	4344	4628	41	36	0	0	50	57	121	139
63	TOOL PROGRAMERS, NUMERICAL	521	628	0	0	0	0	0	0	425	492
64	OTHER TECHNICIANS EXC HEALTH	5799	6728	36	32	79	91	99	115	677	787
65	COMPUTER SPECIALISTS	61011	76348	40	45	248	283	642	735	21352	25142
66	COMPUTER PROGRAMERS	38623	48301	40	45	141	161	390	450	12852	15142
67	COMPUTER SYSTEMS ANALYSTS	18457	23074	0	0	72	83	217	247	6818	8017
68	OTHER COMPUTER SPECIALISTS	3931	4972	0	0	34	39	35	39	1683	1983
69	SOCIAL SCIENTISTS	23438	28683	44	44	93	106	139	163	3944	4709
70	ECONOMISTS	11679	14448	34	32	93	106	95	110	3867	4617
71	POLITICAL SCIENTISTS	227	246	0	0	0	0	0	0	0	0
72	PSYCHOLOGISTS	8666	10416	0	0	0	0	0	0	53	64
73	SOCIOLOGISTS	356	392	4	4	0	0	0	0	0	0
74	URBAN AND REGIONAL PLANNERS	2205	2423	6	8	0	0	37	44	21	24
75	OTHER SOCIAL SCIENTISTS	706	758	0	0	0	0	8	8	3	4
76	TEACHERS	469464	471108	0	0	0	0	0	0	1140	1199
77	ADULT EDUCATION TEACHERS	10181	10960	0	0	0	0	0	0	1070	1119
78	COLLEGE AND UNIVERSITY TEACHERS*	74824	76195	0	0	0	0	0	0	0	0
87	ELEMENTARY SCHOOL TEACHERS	186738	186784	0	0	0	0	0	0	0	0
97	PRESCHOOL, KINDERGARTEN	27777	30651	0	0	0	0	0	0	0	0
99	SECONDARY SCHOOL TEACHERS	125594	119732	0	0	0	0	0	0	0	0
106	TEACHERS NEC, EXC COLL, UNIVER	44350	46787	0	0	0	0	0	0	70	80

*College and university teachers by subject have been aggregated into the single occupation "College and University Teachers."

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY	LINE NUMBER
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985		
619649	679904	2449807	2864512	667925	803041	3422078	4016935	561982	559281	TOTAL, ALL OCCUPATIONS	1
57643	64342	69547	82968	26855	31364	1273011	1485466	100264	98174	PROFESSIONAL, TECHNICAL, KINDRED	2
15058	16703	7971	10158	1279	1565	37912	52803	16483	16197	ENGINEERS, TECHNICAL	3
221	232	31	39	0	0	1149	1523	695	632	ENGINEERS, AERO-ASTRONAUTIC	4
115	124	164	192	0	0	859	1168	109	107	ENGINEERS, CHEMICAL	5
2107	2192	260	306	323	399	8774	12953	6337	8250	ENGINEERS, CIVIL	6
9531	10813	1265	1487	47	60	8691	11736	2860	2804	ENGINEERS, ELECTRICAL	7
670	740	666	1471	691	837	3943	5387	2747	2692	ENGINEERS, INDUSTRIAL	8
1255	1321	1045	1249	42	51	5205	7228	1210	1186	ENGINEERS, MECHANICAL	9
8	9	14	17	0	0	235	306	52	51	ENGINEERS, METALLURGICAL	10
0	0	0	0	0	0	213	310	52	51	ENGINEERS, MINING	11
22	24	42	49	22	27	99	196	92	89	ENGINEERS, PETROLEUM	12
99	111	3181	3795	4	5	279	388	0	0	ENGINEERS, SALES	13
1032	1138	1303	1551	151	186	8465	11658	2379	2336	ENGINEERS, OTHER	14
555	582	715	857	50	62	14603	17573	3783	3741	LIFE AND PHYSICAL SCIENTISTS	15
0	0	138	177	18	22	540	614	510	500	AGRICULTURAL SCIENTISTS	16
33	39	0	0	0	0	377	483	304	298	ATMOSPHERIC, SPACE SCIENTISTS	17
77	80	82	106	0	0	3513	4140	626	609	BIOLOGICAL SCIENTISTS	18
264	274	402	464	25	31	5073	6117	844	829	CHEMISTS	19
21	20	79	94	7	9	1108	1415	349	340	GEOLOGISTS	20
160	169	0	0	0	0	539	707	649	677	MARINE SCIENTISTS	21
0	0	14	16	0	0	3389	4051	496	485	PHYSICISTS AND ASTRONOMERS	22
0	0	0	0	0	0	64	76	5	5	LIFE, PHYSICAL SCIENTISTS NEC	23
304	341	184	215	576	697	1728	2118	643	630	MATHEMATICAL SPECIALISTS	24
0	0	0	0	261	316	240	290	7	7	ACTUARIES	25
17	22	48	59	68	82	581	735	317	310	MATHEMATICIANS	26
287	320	136	156	247	299	907	1093	320	312	STATISTICIANS	27
7827	8756	3515	4181	545	670	37441	48285	10542	10216	ENGINEERS, SCIENCE TECHNICIANS	28
24	25	139	159	0	0	1193	1393	206	201	ENGR, BIOLOG TECH EXC HEALTH	29
126	134	137	164	0	0	1928	2224	136	133	CHEMICAL TECHNICIANS	30
2436	2575	1278	1535	377	463	15624	21300	2979	2786	DRAFTERS	31
3256	3868	1328	1574	17	21	6067	7634	3356	3290	ELECTRICAL, ELECTRONIC TECH	32
49	53	78	89	0	0	177	233	143	140	INDUSTRIAL ENGINEERING TECH	33
101	129	0	0	0	0	18	27	49	49	MATHEMATICAL TECHN	34
0	0	8	9	0	0	312	396	22	21	MECHANICAL ENGINEERING TECH	35
696	716	26	31	112	139	3044	4530	1612	1600	SURVEYORS	36
1138	1255	520	619	39	48	8683	10548	2029	1995	ENGINEERING, SCIENCE TECH NEC	37
206	230	11544	13616	216	262	228011	271808	2495	2569	MEDICAL WORKERS, EXC TECH	38
0	0	0	0	0	0	9050	11946	0	0	CHIROPRACTORS	39
0	0	21	22	0	0	17320	20099	145	140	DENTISTS	40
0	0	121	155	0	0	3177	3844	46	45	DIETITIANS	41
0	0	72	70	0	0	11694	15636	0	0	OPTOMETRISTS	42
0	0	11020	13016	0	0	2654	3423	89	87	PHARMACISTS	43
15	16	76	78	43	51	51885	63489	455	445	PHYSICIANS, MD OSTEOPATHS	44
0	0	0	0	0	0	3430	4181	0	0	PODIATRISTS	45
191	214	144	167	157	182	108656	125068	932	918	REGISTERED NURSES	46
0	0	77	93	16	19	17523	21157	706	814	THERAPISTS	47
0	0	13	14	0	0	426	501	102	100	VETERINARIANS	48
0	0	0	0	0	0	2197	2494	0	0	OTHER MEDICAL AND HEALTH	49
98	108	183	210	22	26	54067	66760	439	430	HEALTH TECHNOL AND TECH	50
11	11	51	56	0	0	24292	29335	259	253	CLINICAL LAB TECHNOL, TECH	51
0	0	0	0	0	0	5398	7335	14	13	DENTAL HYGIENISTS	52
0	0	0	0	0	0	1966	2371	25	24	HEALTH RECORD TECHNOL, TECH	53
11	11	0	0	0	0	11308	14420	28	28	RADIOLOGIC TECHNOL, TECH	54
0	0	13	14	0	0	675	809	7	7	THERAPY ASSISTANTS	55
77	86	118	140	22	26	10678	12486	107	105	OTHER HEALTH TECHNOL, TECH	56
12611	14005	830	992	142	175	4763	5839	7218	7391	TECHNICIANS, EXC HEALTH	57
9253	10214	120	147	61	76	586	759	306	300	AIRPLANE PILOTS	58
0	0	0	0	0	0	0	0	3421	3650	AIR TRAFFIC CONTROLLERS	59
0	0	0	0	0	0	678	823	11	11	EMBALMERS	60
1813	1986	0	0	18	23	117	143	36	35	FLIGHT ENGINEERS	61
1198	1397	82	100	31	39	406	474	2413	2385	RADIO OPERATORS	62
0	0	0	0	0	0	85	118	19	18	TOOL PROGRAMERS, NUMERICAL	63
346	408	628	745	31	37	2890	3522	1012	992	OTHER TECHNICIANS EXC HEALTH	64
1813	2010	4296	5114	3681	4458	25141	34828	3800	3733	COMPUTER SPECIALISTS	65
1145	1268	2887	3436	2452	2967	16382	22540	2334	2293	COMPUTER PROGRAMERS	66
586	653	1133	1349	1121	1358	7168	10067	1322	1300	COMPUTER SYSTEMS ANALYSTS	67
81	89	276	328	108	134	1570	2221	144	140	OTHER COMPUTER SPECIALISTS	68
591	667	995	1177	1154	1400	13962	17545	2916	2872	SOCIAL SCIENTISTS	69
582	657	988	1171	1094	1325	4317	5833	609	596	ECONOMISTS	70
0	0	0	0	0	0	227	296	0	0	POLITICAL SCIENTISTS	71
8	10	0	0	0	0	8354	10096	251	246	PSYCHOLOGISTS	72
0	0	7	6	0	0	223	262	123	120	SOCIOLOGISTS	73
1	1	0	0	53	66	470	679	1616	1601	URBAN AND REGIONAL PLANNERS	74
0	0	0	0	7	8	371	428	317	309	OTHER SOCIAL SCIENTISTS	75
714	502	3084	2805	87	107	462759	464874	1679	1541	TEACHERS	76
68	74	465	544	53	64	8015	8771	511	388	ADULT EDUCATION TEACHERS	77
0	0	0	0	0	0	74808	76179	16	16	COLLEGE AND UNIVERSITY TEACHERS	78
0	0	0	0	0	0	186738	186784	0	0	ELEMENTARY SCHOOL TEACHERS	87
0	0	0	0	0	0	27683	30557	99	99	PRESCHOOL, KINDERGARTEN	97
0	0	0	0	0	0	125594	119732	0	0	SECONDARY SCHOOL TEACHERS	98
646	429	2619	2392	35	42	39921	42853	1059	1042	TEACHERS NEC, EXC COLL, UNIVER	106

Table 22 - DETAILED OCCUPATIONAL EMPLOYMENT BY INDUSTRY DIVISION FOR STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES 1980	TOTAL ALL INDUSTRIES 1985	AGRICULTURE, FORESTRY FISHERIES 1980	AGRICULTURE, FORESTRY FISHERIES 1985	MINING 1980	MINING 1985	CONSTRUCTION 1980	CONSTRUCTION 1985	MANUFACTURING 1980	MANUFACTURING 1985
107	WRITERS, ARTISTS, ENTERTAINERS	181335	216370	2993	3202	133	137	2416	2810	36734	42455
108	ACTORS	5251	6247	0	0	0	0	0	0	6	7
109	ATHLETES AND KINDRED WORKERS	13795	15740	2268	2416	0	0	0	0	9	9
110	AUTHORS	9765	11710	0	0	0	0	0	0	1611	1664
111	DANCERS	2665	3380	0	0	0	0	0	0	0	0
112	DESIGNERS	27232	31228	110	136	29	33	1748	2037	10893	12194
113	EDITORS AND REPORTERS	21284	24975	13	12	0	0	0	0	9732	11269
114	MUSICIANS AND COMPOSERS	23376	27060	0	0	0	0	0	0	107	132
115	PAINTERS AND SCULPTORS	27101	32450	0	0	0	0	281	322	4550	5362
116	PHOTOGRAPHERS	12253	14634	0	0	0	0	108	125	2818	3309
117	PUBLIC RELATIONS SPECIALISTS	17295	20808	70	72	93	104	196	230	2348	2746
118	RADIO, TV ANNOUNCERS	2600	3149	0	0	0	0	0	0	15	18
119	WRITERS, ARTISTS, ENTERTAIN NEC	20728	24988	531	567	0	0	83	94	4884	5740
120	OTHER PROFESSIONAL, TECHNICAL	431185	511305	4815	5346	1574	1792	4125	4841	43654	49265
121	ACCOUNTANTS	125529	155158	378	410	1107	1261	2684	3171	20945	23404
122	ARCHITECTS	14203	18386	827	1087	0	0	524	613	412	451
123	ARCHIVISTS AND CURATORS	906	1000	0	0	0	0	0	0	0	0
124	CLERGY	16783	18159	0	0	0	0	0	0	8	9
125	RELIGIOUS WORKERS, EXC CLERGY	8828	9457	0	0	0	0	0	0	0	0
126	FARM MANAGEMENT ADVISORS	415	435	29	31	0	0	0	0	0	0
127	FORESTERS, CONSERVATIONISTS	4964	5563	3206	3422	0	0	7	7	165	195
128	HOME MANAGEMENT ADVISORS	429	464	0	0	0	0	0	0	108	117
129	JUDGES	1501	1507	0	0	0	0	0	0	0	0
130	LAWYERS	58660	73198	37	38	153	175	215	243	1014	1211
131	LIBRARIANS	13923	19515	0	0	8	9	34	39	526	624
132	OPERATIONS, SYSTEMS RESEARCH	13799	16075	0	0	29	33	94	106	8763	10176
133	PERSONNEL LABOR RELATIONS	66708	81594	233	246	200	226	506	590	8269	9819
134	RESEARCH WORKERS, NEC	20021	23383	72	85	77	87	61	72	3287	3876
135	RECREATION WORKERS	17492	19933	32	28	0	0	0	0	38	35
136	SOCIAL WORKERS	49631	53956	0	0	0	0	0	0	0	0
137	VOCATIONAL, ED COUNSELORS	17194	18520	0	0	0	0	0	0	126	149
138	MANAGERS, OFFICIALS, PROPRIETORS	1183543	1393671	4432	5329	3913	4393	74799	89726	174825	207274
139	BUYERS, SALES, LOAN MANAGERS	230966	278738	488	465	686	778	3290	3890	35819	42330
140	BANK, FINANCIAL MANAGERS	82557	104558	35	35	81	89	312	372	4204	5011
141	CREDIT MANAGERS	10187	11563	0	0	41	46	125	151	1460	1697
142	BUYERS, SHIPPERS, FARM PROD	2433	3044	0	0	0	0	0	0	249	259
143	BUYERS, WHOLESALE, RETAIL	25727	30020	0	0	0	0	0	0	0	0
144	PURCHASING AGENTS, BUYERS, NEC	27561	32001	227	264	415	473	2384	2801	14936	17627
145	SALES MANAGER, RETAIL TRADE	40785	47615	0	0	0	0	0	0	0	0
146	SALES MANAGER, EXC RET TRADE	91717	99938	146	166	149	169	469	565	14971	17736
147	ADMINISTRATORS, PUB INSPECTORS	96081	99986	0	0	0	0	120	135	0	0
148	ASSESS, CONTROL, LOC PUB ADMIN	3088	3192	0	0	0	0	0	0	0	0
149	CONSTRUCTION INSPECTOR, PUB	4590	4685	0	0	0	0	0	0	0	0
150	HEALTH ADMINISTRATORS	17377	21094	0	0	0	0	0	0	0	0
151	INSPECTORS, EXC CONSTRUCT PUB	10140	10432	0	0	0	0	0	0	0	0
152	OFFICIALS, ADMINS, PUB	29302	28813	0	0	0	0	120	135	0	0
153	POSTMASTERS AND MAIL SUPER	1523	1529	0	0	0	0	0	0	0	0
154	SCHOOL ADMIN, COLLEGE	5050	5277	0	0	0	0	0	0	0	0
155	SCHOOL ADMIN, ELEM, SECONDARY	25010	25016	0	0	0	0	0	0	0	0
156	OTHER MANAGERS, OFFICIALS, PROPS	856496	1014947	4024	4864	3227	3815	71389	85701	139006	164944
157	FUNERAL DIRECTORS	1813	1861	0	0	0	0	0	0	0	0
158	MGRS, SUPERINTENDANTS, BLDG	32852	38481	12	16	20	22	231	274	100	115
159	OFFICE MANAGERS, NEC	51451	62299	465	521	161	178	1862	2243	7382	8696
160	OFFICRS, PILOTS, PURSERS, SHIP	2458	2800	160	366	21	24	70	78	99	114
161	OFFICIALS OF LODGES, UNIONS	16802	19209	0	0	0	0	0	0	0	0
162	RAILROAD CONDUCTORS	1596	1498	0	0	0	0	0	0	0	0
163	RESTAURANT, CAFE, BAR MGRS	79372	89285	50	53	0	0	18	22	106	123
164	OTHER MGRS, ADMINISTRATORS	670151	799565	3337	3909	3025	3390	69207	83084	131319	155897
165	SALES WORKERS	753746	880869	1859	2121	261	289	2370	2872	63491	74894
166	ADVERTISING AGENTS, SALES WKRS	9053	10872	10	11	7	7	0	0	2508	2888
167	AUCTIONEERS	492	881	24	28	0	0	0	0	11	14
168	DEMONSTRATORS	2987	2828	0	0	0	0	0	0	0	0
169	HUCKSTERS AND PEDDLERS	10690	9305	0	0	0	0	0	0	0	0
170	INSURANCE AGENTS, BROKERS, ETC	53305	64416	0	0	0	0	0	0	0	0
171	NEWSPAPER CARRIERS AND VENDORS	7997	8840	0	0	0	0	0	0	7062	7872
172	REAL ESTATE AGENTS, BROKERS	89533	108411	0	0	0	0	0	0	0	0
173	SALES REPRES, STOCK AND BONDS	16819	20028	0	0	0	0	0	0	0	0
174	SALES WORKERS, NEC	562670	655288	1823	2082	254	282	2363	2863	53905	64013
175	CLERICAL WORKERS	2158750	2508998	9033	9831	5826	6568	42590	49000	290472	338741
189	STENOGRAPHERS, TYPISTS, SECRE	628453	746207	2491	2743	1897	2161	13954	16488	91999	108656
191	SECRETARIES, LEGAL	30340	42058	0	0	79	90	64	74	346	402
192	SECRETARIES, MEDICAL	16154	19844	0	0	0	0	0	0	44	54
193	SECRETARIES, OTHER	397909	477650	1927	2175	1318	1498	10909	13076	69744	82606
194	STENOGRAPHERS	18219	17572	74	70	114	130	641	814	1663	1787
195	TYPISTS	165832	189083	490	492	386	443	2340	2723	20203	23798
196	OFFICE MACHINE OPERATORS	99118	114577	118	123	521	574	920	1067	19867	22603
197	BOOKKEEPING, BILLING OPERATORS	10213	10944	0	0	28	30	290	340	1403	1540
198	CALCULATING MACHINE OPERATORS	4468	4707	8	9	34	19	12	13	718	781
199	COMPUTER & PERIPHERAL EQUP OPR	26408	32135	38	39	222	252	215	246	6575	7661
190	DUPLICATING MACHINE OPERATORS	3980	4734	6	5	17	21	56	65	1204	1405
191	DATA ENTRY OPERATORS	44944	51387	45	49	212	243	357	413	8227	9293
192	TABULATING MACHINE OPERATORS	1283	1158	0	0	6	9	0	0	331	339
193	OTHER OFFICE MACHINE OPERATORS	7622	9421	21	22	0	0	77	89	1409	1645

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY	LINE NUMBER
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985		
8600	10156	17757	22193	2377	2891	106641	128869	3695	3637	WRITERS, ARTISTS, ENTERTAINERS	107
262	318	109	144	0	0	4873	5778	0	0	ACTORS	108
28	32	620	747	0	0	9522	12202	338	334	ATHLETES AND KINDRED WORKERS	109
199	236	14	16	0	0	8042	9695	100	98	AUTHORS	110
8	10	1506	1987	0	0	1145	1378	5	5	DANCERS	111
571	641	4010	4772	157	194	9378	10878	344	339	DESIGNERS	112
1737	2086	803	1011	188	227	8163	9795	587	576	EDITORS AND REPORTERS	113
230	277	5500	7244	0	0	16395	19265	144	142	MUSICIANS AND COMPOSERS	114
292	351	1526	1812	0	0	20102	24257	350	345	PAINTERS AND SCULPTORS	115
232	266	407	494	19	24	8182	9936	488	480	PHOTOGRAPHERS	116
1739	1956	1709	2028	1869	2272	8410	10553	860	847	PUBLIC RELATIONS SPECIALISTS	117
2449	2970	35	44	0	0	101	116	0	0	RADIO, TV ANNOUNCERS	118
854	1013	1458	1895	144	174	12336	15035	478	471	WRITERS, ARTISTS, ENTERTAIN NEC	119
9266	10282	18473	21370	16725	19052	285983	354143	46571	45215	OTHER PROFESSIONAL, TECHNICAL	120
9387	9831	11041	12948	10373	11686	62412	86015	12202	11433	ACCOUNTANTS	121
107	112	147	183	152	189	11443	15170	591	581	ARCHITECTS	122
0	0	191	234	0	0	663	715	51	51	ARCHIVISTS AND CURATORS	123
0	0	0	0	14	17	16698	18070	63	63	CLERGY	124
0	0	0	0	0	0	8821	9450	7	7	RELIGIOUS WORKERS, EXC CLERGY	125
0	0	0	0	0	0	378	396	8	8	FARM MANAGEMENT ADVISORS	126
207	223	22	28	0	0	270	333	1085	1355	FORESTERS, CONSERVATIONISTS	127
144	180	59	63	0	0	89	95	9	9	HOME MANAGEMENT ADVISORS	128
0	0	0	0	0	0	0	0	1501	1507	JUDGES	129
390	429	246	285	1448	1324	47044	62420	8313	7073	LAWYERS	130
60	70	171	208	80	98	12577	13008	468	459	LIBRARIANS	131
550	595	502	592	604	734	2114	2719	1142	1121	OPERATIONS, SYSTEMS RESEARCH	132
3238	3657	5641	6292	3169	3930	38306	50245	7146	7389	PERSONNEL LABOR RELATIONS	133
136	153	430	512	746	902	14140	16646	1073	1049	RESEARCH WORKERS, NEC	134
0	0	0	0	66	84	13060	15524	4303	4262	RECREATION WORKERS	135
15	18	0	0	38	45	42014	46063	7565	7830	SOCIAL WORKERS	136
18	14	83	85	34	42	15956	17272	1043	1018	VOCATIONAL, ED COUNSELORS	137
57508	65022	407352	472158	154013	189849	253766	307134	52934	52792	MANAGERS, OFFICIALS, PROPRIETORS	138
3900	4371	92865	108649	78540	99553	12535	15830	2923	2872	BUYERS, SALES, LOAN MANAGERS	139
437	485	2488	2920	72333	92115	2587	3432	101	98	BANK, FINANCIAL MANAGERS	140
151	167	5309	5959	1793	2079	1308	1465	0	0	CREDIT MANAGERS	141
0	0	2184	2765	0	0	0	0	0	0	BUYERS, SHIPPERS, FARM PROD	142
0	0	25727	30020	0	0	0	0	0	0	BUYERS, WHOLESALE, RETAIL	143
1395	1518	0	0	934	1138	4599	5553	2671	2626	PURCHASING AGENTS, BUYERS, NEC	144
0	0	40785	47615	0	0	0	0	0	0	SALES MANAGER, RETAIL TRADE	145
1916	2201	16393	19351	3480	4222	4042	5380	151	148	SALES MANAGER, EXC RET TRADE	146
0	0	0	0	0	0	47437	51387	48329	48464	ADMINISTRATORS, PUB INSPECTORS	147
0	0	0	0	0	0	0	0	3088	3142	ASSESS, CONTROL, LOC PUB ADMIN	148
0	0	0	0	0	0	0	0	4590	4685	CONSTRUCTION INSPECTOR, PUB	149
0	0	0	0	0	0	17377	21094	0	0	HEALTH ADMINISTRATORS	150
0	0	0	0	0	0	0	0	10140	10432	INSPECTORS, EXC CONSTRUCT PUB	151
0	0	0	0	0	0	0	0	29182	28676	OFFICIALS, ADMINS, PUB	152
0	0	0	0	0	0	0	0	1523	1529	POSTMASTERS AND MAIL SUPER	153
0	0	0	0	0	0	5050	5277	0	0	SCHOOL ADMIN, COLLEGE	154
0	0	0	0	0	0	25010	25016	0	0	SCHOOL ADMIN, ELEM, SECONDARY	155
53600	60651	314488	363508	75473	90291	193794	239916	1487	1456	OTHER MANAGERS, OFFICIALS, PROPS	156
0	0	0	0	0	0	1813	1861	0	0	FUNERAL DIRECTORS	157
132	152	119	141	30848	36123	1111	1363	280	276	MGRS, SUPERINTENDANTS, BLDG	158
3676	4153	13228	15687	7632	9195	16080	20605	1097	1081	OFFICE MANAGERS, NEC	159
1563	1600	67	77	27	33	353	410	98	98	OFFICERS, PILOTS, PURSERS, SHIP	160
0	0	8	0	0	0	16802	19209	0	0	OFFICIALS OF LODGES, UNIONS	161
1596	1848	0	0	0	0	0	0	0	0	RAILROAD CONDUCTORS	162
81	88	73241	82991	10	12	5830	5960	36	35	RESTAURANT, CAFE, BAR MGRS	163
46560	53210	227833	264613	36957	44928	151886	190507	26	26	OTHER MGRS, ADMINISTRATORS	164
7569	8733	492469	566941	160232	193549	25013	31895	482	474	SALES WORKERS	165
1762	2112	589	685	69	86	4120	5095	0	0	ADVERTISING AGENTS, SALES WKRS	166
0	0	372	464	10	14	272	361	0	0	AUCTIONEERS	167
23	26	2765	2525	0	0	194	278	0	0	DEMONSTRATORS	168
0	0	9939	8307	0	0	750	998	0	0	HUCKSTERS AND PEDDLERS	169
0	0	0	0	53305	64416	0	0	0	0	INSURANCE AGENTS, BROKERS, ETC	170
0	0	935	869	0	0	0	0	0	0	NEWSPAPER CARRIERS AND VENDORS	171
0	0	0	0	89533	108411	0	0	0	0	REAL ESTATE AGENTS, BROKERS	172
0	0	0	0	16819	20028	0	0	0	0	SALES REPRES, STOCK AND BONDS	173
5784	6595	477848	553212	495	594	19677	25171	482	474	SALES WORKERS, NEC	174
162722	176797	429268	580078	292638	345638	721545	882377	204651	198919	CLERICAL WORKERS	175
26149	29409	63030	76982	82201	98095	290552	360219	54185	51959	STENOGRAPHERS, TYPISTS, SECRE	180
190	205	97	114	770	933	27451	38915	1344	1325	SECRETARIES, LEGAL	181
32	36	84	104	80	98	15824	19467	90	87	SECRETARIES, MEDICAL	182
14538	16423	49446	58743	57892	70815	173615	214707	18518	18207	SECRETARIES, OTHER	183
1147	1124	753	898	1644	1717	6054	6033	6128	5192	STENOGRAPHERS	184
10237	11617	14648	17131	21814	25132	67609	81098	28106	26648	TYPISTS	185
5861	6064	14485	14888	17073	19248	32066	41173	8207	7656	OFFICE MACHINE OPERATORS	186
458	483	1917	1983	4350	4880	1663	1821	194	167	BOOKKEEPING, BILLING OPERATORS	187
267	293	1681	1837	895	1065	618	752	236	157	CALCULATING MACHINE OPERATORS	188
1662	1824	2663	3340	3609	4376	9109	12359	2313	2268	COMPUTER & PERIPHERAL EQUIP. OPR.	189
125	142	249	298	243	295	1747	2179	330	323	DUPLICATING MACHINE OPERATORS	190
2959	2976	6311	6764	6393	6830	15955	20500	4486	4121	DATA ENTRY OPERATORS	191
92	72	248	269	266	203	241	238	105	88	TABULATING MACHINE OPERATORS	192
297	324	1424	1666	1318	1599	2733	3522	549	533	OTHER OFFICE MACHINE OPERATORS	193

Table 22 - DETAILED OCCUPATIONAL EMPLOYMENT BY INDUSTRY DIVISION FOR STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY FISHERIES		MINING		CONSTRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
194	OTHER CLERICAL WORKERS	1431178	1648164	6424	6964	3408	3833	27717	31445	178611	208482
195	BANK TELLERS	57813	68858	0	0	0	0	0	0	0	0
196	BILLING CLERKS	16472	19541	33	34	84	96	251	301	3533	4159
197	BOOKKEEPERS, ACCOUNTING CLERKS	250678	290217	3361	3677	968	1092	9959	10600	34503	40598
198	CASHIERS	148319	176311	110	128	24	27	449	511	966	1098
199	CLERICAL ASSIST, SOC WELFARE	198	185	0	0	0	0	0	0	0	0
200	CLERICAL SUPERVISORS, NEC	34661	39265	19	15	98	112	372	431	3147	3656
201	COLLECTORS, BILL AND ACCOUNT	12112	14769	0	0	26	30	48	59	258	298
202	COUNTER CLERKS, EXC FOOD	43260	50673	52	57	19	21	109	133	6108	7211
203	DISPATCHER, STARTER, VEHICLE	9245	11080	14	13	141	152	219	260	832	945
204	ENUMERATORS AND INTERVIEWERS	7576	8754	0	0	0	0	0	0	110	133
205	ESTIMATORS, INVESTIGATORS, NEC	61845	72932	170	198	230	256	8719	10541	7329	8544
206	EXPEDITORS, PROD CONTROLLERS	31906	36970	3	3	185	209	704	835	22031	25764
207	FILE CLERKS	41162	48345	100	104	162	185	408	478	5673	6642
208	INSURANCE ADJUST, EXAM	17060	20590	0	0	0	0	0	3	33	40
209	LIBRARY ATTENDANTS, ASSISTANT	22363	22972	22	19	0	0	35	39	569	467
210	MAIL CARRIERS, POST OFFICE	27773	27877	0	0	0	0	0	0	0	0
211	MAIL HANDLER, EXC POST OFFICE	18311	21521	44	48	128	146	211	241	3511	4096
212	MESSENGERS AND OFFICE HELPERS	6580	7080	32	38	0	0	169	203	813	844
213	METER READERS, UTILITIES	3995	3175	0	0	0	0	0	0	0	0
214	PAYROLL, TIME KEEPING CLERKS	19346	22244	179	201	109	122	1107	1307	5682	6594
215	POSTAL CLERKS	34196	34324	0	0	0	0	0	0	0	0
216	PROOFREADERS	1956	2206	0	0	0	0	0	0	1956	2206
217	REAL ESTATE APPRAISERS	6193	7120	0	0	16	18	236	268	0	0
218	RECEPTIONISTS	83337	97700	1394	1394	109	124	550	304	4458	4530
219	SHIPPING, RECEIVING CLERKS	55610	65098	160	178	106	119	239	287	22599	26836
220	STATISTICAL CLERKS	42615	48929	160	184	110	123	456	527	6677	7771
221	STOCK CLERKS, STORE KEEPERS	64105	73317	85	89	118	132	865	1022	17855	20941
222	TEACHERS' AIDES, EXC MONITORS	34959	43017	0	0	0	0	0	0	0	0
223	TELEGRAPH MESSENGERS	655	642	0	0	0	0	9	9	0	0
224	TELEGRAPH OPERATORS	845	834	0	0	0	0	9	9	13	14
225	TELEPHONE OPERATORS	55589	54903	55	59	145	159	238	282	3733	4414
226	TICKET STATION, EXPRESS AGENTS	14977	15926	0	0	0	0	7	7	0	0
227	WEIGHERS	3835	4241	143	100	97	102	148	169	2306	2506
228	MISC CLERICAL WORKERS, NEC	202631	236496	330	423	534	605	2218	2640	23915	27932
229	CRAFTS AND KINDRED WORKERS	1281697	1483393	7805	9074	9954	10731	291703	341517	388465	447853
230	CONSTRUCTION CRAFTS WORKERS	348411	401419	3163	3682	2218	2400	232713	271970	43149	49390
231	CARPENTERS	109921	125507	948	1048	98	106	78576	90398	12664	14658
232	BRICKMASONS AND STONEMASONS	10063	10700	35	42	44	45	8893	9451	710	755
233	BULLDOZER OPERATORS	8467	9734	900	1062	189	197	3365	3894	1595	1825
234	CEMENT AND CONCRETE FINISHERS	12956	15615	8	11	0	0	12271	14846	209	236
235	ELECTRICIANS	53978	63207	126	132	467	520	26061	32043	12094	13865
236	EXCAVATING, GRADING, MACH OP	26786	30630	495	556	969	1019	20653	23740	1231	1394
237	FLOOR LAYERS, EXC TILE SETTERS	3109	3819	0	0	0	0	2154	2650	151	194
238	PAINTERS, CONSTRUCTION, MAINT	58819	64102	264	335	92	104	35911	39960	5377	5873
239	PLUMBERS AND PIPEFITTERS	41115	48968	301	489	356	409	26202	32128	5470	6161
240	ROOFER AND SLATERS	8789	10836	6	6	0	0	8546	10540	77	105
241	STRUCTURAL METAL CRAFT	10096	12032	0	0	0	0	6065	7378	3446	3953
242	TILESETTERS	5111	6276	0	0	0	0	4014	4942	125	150
243	BLUE COLLAR WKRS SUPVR, NEC	169992	198670	1979	2293	2610	2985	22501	25688	82859	96752
244	METAL CRAFTS WORKERS, EXC MECH	120571	140272	96	109	307	343	8918	10945	96528	112435
245	BLACKSMITHS	1902	1299	25	27	5	6	19	23	283	324
246	BOILERMAKERS	2824	3229	0	0	41	46	450	544	1655	1856
247	HEAT TREATERS, ANNEALERS, ETC	1475	1705	0	0	0	0	7	8	1438	1657
248	FORGE AND HAMMER OPERATORS	1695	1926	0	0	12	13	17	22	1586	1837
249	JOB AND DIE SETTERS, METAL	4122	4891	0	0	6	9	9	9	4086	4846
250	MACHINISTS	53685	62350	63	73	215	239	491	585	45674	53231
251	MILLWRIGHTS	3677	4319	8	9	14	15	546	782	2518	2918
252	MOLDERS, METAL	4741	5562	0	0	0	0	0	0	4741	5562
253	PATTERN AND MODEL MAKERS	4812	5695	0	0	0	0	42	47	4271	5268
254	ROLLERS AND FINISHERS, METAL	812	411	0	0	0	0	5	5	806	905
255	SHEET METAL WORKERS, TINSMITHS	24595	28767	0	0	13	15	7236	8921	13434	15575
256	TOOL, DIEMAKERS	16781	19619	0	0	13	15	5	5	16059	18754
257	MECHANICS, REPAIRERS, INSTAL	368404	433205	2057	2429	2894	3229	12608	15005	73746	86600
258	AIR COND, HEATING, REFRIG	13585	15777	46	53	0	0	3684	4544	1774	2329
259	AIRCRAFT MECHANICS	27687	29441	105	112	8	9	0	0	8806	9841
260	AUTO ACCESSORIES INSTALR	1707	2001	0	0	6	8	8	10	21	26
261	AUTO BODY REPAIRERS	23892	28182	0	0	0	0	13	14	258	312
262	AUTO MECHANICS	107651	123636	456	503	607	662	1091	1278	6292	7335
263	DATA PROCESSING MACH REPAIRERS	11728	16118	0	0	9	10	23	28	4488	5806
264	FARM IMPLEMENT	4108	5057	357	384	0	0	0	0	81	95
265	HEAVY EQUIP MECH, INCL DIESEL	80128	94294	987	1256	1880	2105	5995	7189	39442	46719
266	HOUSEHOLD APPLIANCE MECHANICS	17554	20238	0	0	0	0	984	984	1413	1676
267	OFFICE MACHINE REPAIRERS	13089	16345	0	0	0	0	0	0	1041	1211
268	RADIO, TELEVISION REPAIRERS	25563	32577	11	10	18	18	231	279	2707	3240
269	RAILROAD, CAR SHOP REPAIRERS	3160	3953	0	0	11	11	0	0	78	86
270	OTHER MECHANICS	38351	45586	96	114	358	408	578	698	7275	8422
271	PRINTING TRADE CRAFTS WORKERS	44034	48180	0	0	20	22	151	172	38534	42151
272	BOOKBINDERS	3332	3966	0	0	3	3	3	3	2962	3561
273	COMPOSITORS AND TYPESETTERS	17597	17254	0	0	0	0	45	51	15322	14947
274	ELECTROTYPERS, STEREOTYPERS	762	676	0	0	0	0	11	12	723	628
275	ENGRAVERS EXC PHOTOENGRAVERS	1268	1543	0	0	0	0	23	30	960	1178
276	PHOTOENGRAVERS, LITHOGRAPHERS	4482	5348	0	0	0	0	13	12	4096	4887
277	PRESS WRKRS AND PLATE PRINTERS	16592	19595	0	0	20	22	59	68	14273	16920

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY	LINE NUMBER
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985		
130717	141328	349753	407028	193364	228295	398928	480985	142259	139803	OTHER CLERICAL WORKERS	194
0	0	0	0	57813	68858	0	0	0	0	BANK TELLERS	195
2102	2343	5685	6698	726	876	3789	4766	269	267	BILLING CLERKS	196
11286	12620	79267	87100	27367	30793	74181	95245	9786	8491	BOOKKEEPERS, ACCOUNTING CLERKS	197
2473	2779	115527	140635	4077	4638	22618	29458	2076	2037	CASHIERS	198
0	0	0	0	0	0	198	185	0	0	CLERICAL ASSIST, SOC WELFARE	199
4595	5154	3646	4198	5776	6981	8937	10803	8070	7915	CLERICAL SUPERVISORS, NEC	200
810	895	1907	2178	4810	5786	4098	5369	155	154	COLLECTORS, BILL AND ACCOUNT	201
1888	2147	14602	17108	479	580	19648	23060	364	358	COUNTER CLERKS, EXC FOOD	202
3512	4499	1819	2126	104	126	1666	2030	938	929	DISPATCHER, STARTER, VEHICLE	203
0	0	33	34	0	0	3682	4913	3751	3674	ENUMERATORS AND INTERVIEWERS	204
7246	8066	9068	10433	12836	15500	11101	14430	5057	4961	ESTIMATORS, INVESTIGATORS, NEC	205
1788	1967	2282	2684	591	719	1679	2192	2643	2597	EXPEDITORS, PROD CONTROLLERS	206
2619	2931	5501	6385	7565	9146	13629	17124	5503	5400	FILE CLERKS	207
33	37	16	18	15926	19233	946	1160	106	102	INSURANCE ADJUST, EXAM	208
93	109	369	441	319	389	20597	20953	359	355	LIBRARY ATTENDANTS, ASSISTANT	209
0	0	0	0	0	0	0	0	27773	27677	MAIL CARRIERS, POST OFFICE	210
1498	1694	2976	3420	3099	3748	5591	6902	1251	1226	MAIL HANDLER, EXC POST OFFICE	211
646	668	737	833	939	775	2949	3462	294	257	MESSENGERS AND OFFICE HELPERS	212
2995	3175	0	0	0	0	0	0	0	0	METER READERS, UTILITIES	213
2523	2799	2449	2823	1080	1309	4357	5256	1859	1833	PAYROLL, TIME KEEPING CLERKS	214
0	0	0	0	0	0	0	0	34196	34324	POSTAL CLERKS	215
0	0	0	0	0	0	0	0	0	0	PROOFREADERS	216
44	45	33	37	3730	4579	231	291	1903	1882	REAL ESTATE APPRAISERS	217
1602	1812	6705	7962	2925	2952	63688	76897	1904	1725	RECEPTIONISTS	218
4584	5104	23599	27611	227	272	2668	3289	1430	1402	SHIPPING, RECEIVING CLERKS	219
8005	8978	4196	4866	7552	9122	9076	11064	6384	6293	STATISTICAL CLERKS	220
3661	3955	26378	30326	861	1046	8451	10043	5831	5721	STOCK CLERKS, STORE KEEPERS	221
0	0	0	0	0	0	34761	42822	199	195	TEACHERS AIDES, EXC MONITORS	222
655	642	0	0	8	0	0	0	0	0	TELEGRAPH MESSENGERS	223
755	739	14	18	0	0	63	63	0	0	TELEGRAPH OPERATORS	224
24992	23699	4744	5031	2775	2387	16918	16911	1990	1962	TELEPHONE OPERATORS	225
14970	15919	0	0	0	0	0	0	0	0	TICKET STATION, EXPRESS AGENTS	226
295	335	633	735	8	11	173	223	60	59	WEIGHERS	227
25046	28219	37567	43327	31777	38470	63138	77075	18107	17806	MISC CLERICAL WORKERS, NEC	228
131083	143034	191950	222368	8082	9682	207090	255330	45564	43804	CRAFTS AND KINDRED WORKERS	229
12234	12828	12033	14519	3477	4040	28363	32025	11058	10565	CONSTRUCTION CRAFTS WORKERS	230
1793	1891	3787	4541	1068	1323	9047	9754	1939	1587	CARPENTERS	231
46	51	112	118	33	42	109	117	81	80	BRICKMASONS AND STONEMASONS	233
1052	1141	630	793	111	138	292	357	333	329	BULLDOZER OPERATORS	235
51	54	82	100	7	9	248	281	80	78	CEMENT AND CONCRETE FINISHERS	236
4604	4748	1495	1761	168	206	5202	6213	3762	3698	ELECTRICIANS	237
1279	1342	285	353	100	126	1101	1434	674	665	EXCAVATING, GRADING, MACH OP	239
0	0	687	840	17	23	81	84	19	19	FLOOR LAYERS, EXC TILE SETTERS	240
1205	1278	2337	2775	1684	1812	8480	9333	2668	2630	PAINTERS, CONSTRUCTION, MAINT	241
2048	2156	1553	1911	259	324	3383	3953	1461	1436	PLUMBERS AND PIPEFITTERS	246
0	0	85	110	14	17	43	39	19	19	ROOFER AND SLATERS	248
156	168	184	228	16	19	222	278	7	7	STRUCTURAL METAL CRAFT	249
0	0	799	988	0	0	156	180	16	17	TILESETTERS	250
15929	17682	26056	30585	1789	2185	10963	13356	5307	5224	BLUE COLLAR WKRS SUPVR, NEC	251
2567	2571	4252	5101	14	16	4629	5557	3258	3196	METAL CRAFTS WORKERS, EXC MECH	252
53	56	47	58	14	15	933	865	23	23	BLACKSMITHS	253
209	205	119	149	0	0	286	363	64	62	BOILERMAKERS	254
0	0	0	0	0	0	30	30	0	0	HEAT TREATERS, ANNEALERS, ETC	255
32	32	18	23	0	0	0	0	0	0	FORGE AND HAMMER OPERATORS	256
7	8	0	0	0	0	22	29	0	0	JOB AND DIE SETTERS, METAL	257
1347	1322	2433	2868	0	0	2206	2799	1256	1232	MACHINISTS	258
128	147	236	290	0	0	91	123	36	36	MILLWRIGHTS	260
0	0	0	0	0	0	0	0	0	0	MOLDERS, METAL	261
13	15	119	150	0	0	173	225	194	190	PATTERN AND MODEL MAKERS	263
0	0	0	0	0	0	0	0	0	0	ROLLERS AND FINISHERS, METAL	264
753	761	1035	1269	0	0	638	771	1499	1470	SHEET METAL WORKERS, TINSMITHS	265
25	25	245	294	0	0	250	393	187	183	TOOL, DIEMAKERS	267
36691	38912	102609	117211	1313	1618	114464	146371	22089	21629	MECHANICS, REPAIRERS, INSTAL	269
793	889	2582	3048	164	204	3824	5307	719	707	AIR COND, HEATING, REFRIG	270
11060	11610	586	689	0	0	569	757	6554	6422	AIRCRAFT MECHANICS	271
0	0	462	534	0	0	1190	1405	22	21	AUTO ACCESSORIES INSTALR	272
268	290	7379	7854	0	0	15028	19568	146	144	AUTO BODY REPAIRERS	273
9210	10292	42548	47260	88	107	43249	51942	4311	4258	AUTO MECHANICS	274
93	106	2332	3239	52	63	4652	6786	80	78	DATA PROCESSING MACH REPAIRERS	276
14	13	2732	3337	0	0	916	1219	10	10	FARM IMPLEMENT	277
3406	3649	14463	16867	429	536	9630	12130	3902	3843	HEAVY EQUIP MECH, INCL DIESEL	278
4172	4395	4987	5317	69	87	5687	7645	242	155	HOUSEHOLD APPLIANCE MECHANICS	279
186	212	7038	8583	426	516	4189	5619	208	204	OFFICE MACHINE REPAIRERS	281
1524	1708	5803	6691	14	16	12131	17640	3034	2975	RADIO, TELEVISION REPAIRERS	282
2967	2730	30	35	0	0	40	56	34	35	RAILROAD, CAR SHOP REPAIRERS	283
2910	3019	11669	13760	72	89	12569	16294	2827	2779	OTHER MECHANICS	284
220	247	1421	1692	437	530	2510	2887	741	728	PRINTING TRADE CRAFTS WORKERS	286
6	7	52	64	22	26	240	259	51	50	BOOKBINDERS	287
125	137	503	599	209	255	1017	1090	178	175	COMPOSITORS AND TYPESETTERS	288
0	0	24	31	0	0	8	8	0	0	ELECTROTYPERS, STEREOTYPERS	289
0	0	242	291	0	0	20	24	20	19	ENGRAVERS EXC PHOTOENGRAVERS	290
0	0	118	142	0	0	218	263	42	42	PHOTOENGRAVERS, LITHOGRAPHERS	291
88	103	482	566	207	250	1014	1246	449	442	PRESS WRKRS AND PLATE PRINTERS	292

Table 22 - DETAILED OCCUPATIONAL EMPLOYMENT BY INDUSTRY DIVISION FOR STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY FISHERIES		MINING		CONSTRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
295	TRANSPORTATION, PUB UTIL CRAFT	61712	70198	14	15	72	83	1450	1738	3796	4638
296	ELEC PWR LINE INSTAL, REPAIRERS	8189	8767	0	0	29	33	750	885	75	83
297	LOCOMOTIVE ENGINEERS	1784	1840	0	0	0	0	1	1	57	62
298	LOCOMOTIVE ENGINEERS HELPERS	346	335	0	0	0	0	1	1	25	26
299	POWER STATION OPERATORS	1361	1403	0	0	0	0	7	7	102	119
300	TELEPHONE INSTALLERS, REPAIRERS	42819	49623	14	15	29	33	596	728	3463	4256
301	TELEPHONE LINE INSTAL, SPLICERS	7193	8391	0	0	14	16	95	116	79	92
302	OTHER CRAFTS, KINDRED WORKERS	168573	193249	496	546	1831	1749	13361	16000	49833	55737
303	BAKERS	14468	16476	0	0	0	0	0	0	4418	4863
304	CABINETMAKERS	12944	14985	0	0	0	0	526	638	7098	8976
305	CARPET INSTALLERS	7871	9639	0	0	0	0	4239	5358	127	158
306	CRANE, DERRICK, AND HOIST OPR	11452	13144	85	100	397	437	2347	2769	5984	6176
307	DECORATORS, WINDOW DRESSERS	12478	15570	59	66	0	0	38	37	164	221
308	DENTAL LABORATORY TECH	9383	11226	0	0	0	0	0	0	580	740
309	FURNITURE AND WOOD FINISH	3362	4351	0	0	0	0	0	0	1230	1539
310	FURRIERS	334	367	0	0	0	0	0	0	83	94
311	GLAZIERS	4927	6114	6	8	0	0	1486	1832	429	512
312	INSPECTORS, LOG AND LUMBER	2631	3552	66	48	0	0	0	0	2037	2120
313	INSPECTORS, OTHER	13258	15190	148	178	157	178	2396	2740	1120	1244
314	JEWELERS AND WATCHMAKERS	6336	7782	0	0	0	0	0	0	1104	1419
315	MILLERS, GRAIN, FLOUR, FEED	258	387	0	0	0	0	0	0	358	387
316	MOTION PICTURE PROJECTIONISTS	3527	3759	0	0	0	0	0	0	0	0
317	OPTICIANS, LENS GRINDR, POLISHR	5788	7318	0	0	0	0	0	0	2370	2967
318	PIANO, ORGAN TUNERS, REPAIRERS	1346	1418	0	0	0	0	0	0	44	47
319	SHIPFITTERS	1512	1568	0	0	0	0	0	0	1393	1449
320	SHOE REPAIRERS	2653	2851	0	0	0	0	0	0	526	660
321	SIGN PAINTERS AND LETTERERS	3991	5112	6	5	0	0	55	60	448	576
322	STATIONARY ENGINEERS	17475	17044	60	93	1221	1075	456	482	4496	4395
323	STONE CUTTERS, STONE CARVERS	499	551	0	0	6	6	24	30	334	350
324	TAILORS	7765	8821	0	0	0	0	0	0	3963	4527
325	UPHOLSTERERS	11994	13023	0	0	0	0	0	0	5214	6416
326	CRAFTS AND KINDRED WRKRS, NEC	13020	15203	45	48	51	53	1702	2054	6822	7889
329	OPERATIVES	1351057	1553512	8977	8993	18931	17764	39158	46703	751095	874274
330	OPERATIVES, EXC TRANSPORT	1084221	1182063	4364	4750	13186	14816	26896	32358	690884	806567
331	SEMISKILLED METALWORKING	184703	194790	368	411	969	1067	6610	7965	98664	113028
332	DRILL PRESS OPERATIVES	6287	6185	0	0	0	0	45	55	6065	5928
333	FURNACE TENDRS, SMELTRS, POURERS	3596	4157	0	0	0	0	0	0	3552	4101
334	GRINDING MACHINE OPERATIVES	11623	13674	0	0	41	46	20	25	10498	12205
335	HEATERS, METAL	263	289	0	0	0	0	0	0	263	289
336	LATHE, MILLING MACH OPERATIVES	17400	20369	6	15	74	84	247	428	16204	18947
337	METAL PLATERS	6130	7188	0	0	0	0	0	0	5716	6732
338	OTHER PRECISION MACH OPR	6148	7244	0	0	0	0	54	65	5935	6984
339	PUNCH STAMPING PRESS OPR	13322	14666	18	24	0	0	0	0	12000	14576
340	SOLDERERS	6386	6254	0	0	0	0	10	12	6061	5950
341	WELDERS AND FLAME CUTTERS	54548	64764	293	371	853	936	6134	7379	32369	37622
342	SEMISKILLED TEXTILE	4320	4966	0	0	0	0	0	0	4320	4966
347	OTHER TEXTILE OPERATIVES	4320	4966	0	0	0	0	0	0	4320	4966
348	SEMISKILLED PACKING, INSPECTNG	148463	171769	1545	1702	75	76	0	0	112757	131781
349	CHECKERS, EXAMINERS, ETC, MFG	62952	75069	0	0	0	0	0	0	62952	75069
350	GRADERS AND SORTERS, MFG	5933	6460	0	0	0	0	0	0	5933	6460
351	MEAT WRAPPERS, RETAIL TRADE	4757	5337	0	0	0	0	0	0	0	0
352	PACKER, WRAPPER, NEC	67298	77064	1390	1537	75	76	0	0	43871	50261
353	PROD GRDS, PACKER, EXC FACT, FAR	7522	7838	156	165	0	0	0	0	0	0
354	OTHER OPERATIVES, EXC TRANSPORT	746736	860527	2351	2638	12143	13674	20287	24393	475143	556782
355	ASBESTOS, INSULATION WORKERS	2572	3092	0	0	0	0	1002	2345	481	327
356	ASSEMBLERS	156679	187056	16	17	30	34	506	615	147483	175819
357	BLASTERS	390	437	0	0	120	135	24	0	76	87
358	BOTTLING, CANNING OPERATIVES	11807	12535	0	15	0	0	0	0	11163	11818
359	SURVEYOR HELPERS	1157	1282	0	0	28	31	199	188	31	29
360	CLOTHING IRONERS AND PRESSERS	14569	15905	0	0	0	0	0	0	4917	5041
361	CUTTING OPERATIVES, NEC	18778	22364	48	64	42	47	232	284	15462	18315
362	DRESSMAKERS, EXC FACTORY	22295	27501	6	9	0	0	0	0	0	0
363	DRILLERS, EARTH	4804	5187	5	6	1765	2017	1566	1927	943	1117
364	DRY WALL INSTALLERS, LATHERS	10969	13410	0	0	0	0	10734	13115	0	0
365	DYERS	728	852	0	0	0	0	0	0	594	694
366	FILER, POLISHER, SANDER, BUFFER	10637	12771	0	0	0	0	131	161	9362	11252
367	GARAGE WORKERS, GAS STAT ATTEN	53722	56028	6	6	34	43	731	178	254	281
368	LAUNDRY, DRY CLEAN OP, NEC	16586	16635	6	9	0	0	0	0	49	77
369	MEAT CUTTERS, BUTCHERS, EXC MFG	28269	27764	104	112	0	0	0	0	0	0
370	MEAT CUTTERS, BUTCHERS, MFG	8687	9069	0	0	0	0	0	0	8687	9069
371	MILLENERS	201	231	0	0	0	0	0	0	5	6
372	MINE OPERATIVES, NEC	9639	10844	0	0	9639	10844	0	0	0	0
373	MIXING OPERATIVES	6771	7815	54	67	7	8	67	79	6083	6990
374	OILERS, GREASERS, EXC AUTO	4837	4811	0	0	258	277	1045	1251	1886	2129
375	PAINTERS, MFG ARTICLES	21761	26103	0	0	0	0	0	0	13005	16075
376	PHOTOGRAPHIC PROCESS WORKERS	17638	21810	*	*	52	61	174	205	3507	4067
377	RIVETERS AND FASTENERS	2042	2433	0	0	0	0	24	27	1875	2231
378	SAILORS AND DECKHANDS	3530	3663	0	0	41	48	70	78	26	27
379	SAWYERS	11138	10964	34	41	7	7	272	232	9667	9519
380	SEWERS AND STITCHERS	66755	77246	9	9	0	0	9	9	63313	73269
381	SHOEMAKING MACHINE OPR	959	1206	0	0	0	0	0	0	959	1206
382	FURNACE TENDR, STOKR, EXC METAL	5426	6069	192	68	101	106	81	93	2752	3365
383	WINDING OPERATIVES, NEC	5277	6596	0	0	12	13	82	77	4003	3688
384	MISC MACH OPERATIVES	115265	135569	695	750	0	0	1133	1353	89135	116657
385	OPERATIVES, NEC	113828	133246	1251	1451	0	0	1692	2001	87018	111425

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY	LINE NUMBER
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985		
53161	60694	1819	1391	33	26	1423	1662	584	553	TRANSPORTATION, PUB UTIL CRAFT	295
7580	7473	48	57	7	8	75	106	124	122	ELEC PWR LINE INSTAL, REPAIRERS	296
1673	1519	8	10	0	0	13	17	31	31	LOCOMOTIVE ENGINEERS	297
240	388	0	0	0	0	0	0	0	0	LOCOMOTIVE ENGINEERS HELPERS	298
1180	1236	15	18	0	0	19	22	39	39	POWER STATION OPERATORS	299
36049	41627	1108	1269	15	18	1196	1336	349	391	TELEPHONE INSTALLERS, REPAIRERS	300
6838	7931	32	36	0	0	119	181	28	29	TELEPHONE LINE INSTAL, SPLICERS	301
10370	10700	44367	51870	1038	1268	40739	53473	2547	1909	OTHER CRAFTS, KINDRED WORKERS	302
53	55	8405	9626	0	0	1744	1898	43	44	BAKERS	303
26	29	3205	4584	10	16	980	1229	97	96	CABINETMAKERS	304
7	7	3233	3029	30	37	117	132	18	18	CARPET INSTALLERS	305
984	1017	1034	1310	7	9	774	940	488	393	CRANE, DERRICK, AND HOIST OPR	306
23	24	9384	11378	0	0	2849	3846	0	0	DECORATORS, WINDOW DRESSERS	307
0	0	68	84	0	0	8690	10359	44	43	DENTAL LABORATORY TECH	308
41	44	814	976	0	0	1275	1661	12	12	FURNITURE AND WOOD FINISH	309
0	0	123	143	0	0	28	39	0	0	FURRIERS	310
8	7	2399	3048	37	35	535	655	16	16	GLAZIERS	311
13	12	434	353	0	0	80	18	0	0	INSPECTORS, LOG AND LUMBER	312
3668	3797	1100	1306	393	476	4836	5271	0	0	INSPECTORS, OTHER	313
0	0	3435	3986	0	0	1761	2372	36	33	JEWELERS AND WATCHMAKERS	314
0	0	0	0	0	0	0	0	0	0	MILLERS, GRAIN, FLOUR, FEED	315
0	0	18	23	7	9	3489	3716	12	13	MOTION PICTURE PROJECTIONISTS	316
0	0	2307	2803	0	0	1072	1491	39	38	OPTICIANS, LENS GRINDR, POLISHR	317
0	0	135	198	0	0	1167	1383	0	0	PIANO, ORGAN TUNERS, REPAIRERS	318
12	12	0	0	0	0	0	0	103	101	SHIPFITTERS	319
0	0	283	333	0	0	1838	1861	7	7	SHOE REPAIRERS	320
16	16	314	351	0	0	3058	4805	100	98	SIGN PAINTERS AND LETTERERS	321
4302	4384	906	1070	524	698	4347	4468	1094	982	STATIONARY ENGINEERS	322
0	0	135	168	0	0	0	0	0	0	STONE CUTTERS, STONE CARVERS	323
0	0	2967	3371	0	0	837	906	18	17	TAILORS	324
105	109	3325	3119	0	0	4258	5332	63	61	UPHOLSTERERS	325
1119	1217	1231	1438	0	0	1823	2077	493	435	CRAFTS AND KINDRED WKRS, NEC	326
132438	146323	253916	283881	2179	2673	135191	159705	14123	13897	OPERATIVES	329
18548	19739	138867	172885	1000	1331	102867	121709	8071	7932	OPERATIVES, EXC TRANSPORT	330
2596	2676	9169	5016	33	31	10025	13293	1329	1309	SEMISKILLED METALWORKING	331
19	18	119	142	0	0	27	34	12	12	DRILL PRESS OPERATIVES	332
3	3	30	37	0	0	12	15	0	0	FURNACE TENDRS, SMELTRS, POURERS	333
25	23	125	154	0	0	983	1216	9	9	GRINDING MACHINE OPERATIVES	334
0	0	0	0	0	0	0	0	0	0	HEATERS, METAL	335
112	112	476	578	0	0	93	115	89	87	LATHE, MILLING MACH OPERATIVES	336
61	63	161	198	0	0	31	43	161	157	METAL PLATERS	337
17	17	90	110	0	0	25	35	33	33	OTHER PRECISION MACH OPR	338
19	41	196	243	0	0	71	92	17	16	PUNCH STAMPING PRESS OPR	339
39	44	188	180	0	0	63	76	7	7	SOLDERERS	340
2231	2385	2777	3409	35	31	8802	11663	1015	997	WELDERS AND FLAME CUTTERS	341
0	0	0	0	0	0	0	0	0	0	SEMISKILLED TEXTILE	342
0	0	0	0	0	0	0	0	0	0	OTHER TEXTILE OPERATIVES	347
1413	1863	28327	31639	0	0	2448	3087	1897	1682	SEMISKILLED PACKING, INSPECTNG	348
0	0	0	0	0	0	0	0	0	0	CHECKERS, EXAMINERS, ETC, MFG	349
0	0	0	0	0	0	0	0	0	0	GRADERS AND SORTERS, MFG	350
0	0	0	0	0	0	0	0	0	0	MEAT WRAPPERS, RETAIL TRADE	351
0	0	4757	5337	0	0	0	0	0	0	PACKER, WRAPPER, NEC	352
1526	1761	16307	18736	0	0	2448	3047	1881	1695	PROD GGDS, PACKER, EXC FACT, FAR	353
87	102	7263	7856	0	0	0	0	17	15		
19387	15201	126871	136290	976	1199	90334	105434	5944	4988	OTHER OPERATIVES, EXC TRANSPORT	354
46	51	118	149	0	0	33	33	0	0	ASBESTOS, INSULATION WORKERS	355
0	0	8184	9987	0	0	498	673	0	0	ASSEMBLERS	356
22	23	13	15	0	0	0	0	36	35	BLASTERS	357
6	6	631	695	0	0	0	0	0	0	BOTTLING, CANNING OPERATIVES	358
55	44	0	0	33	31	659	765	180	178	SURVEYOR HELPERS	359
0	0	491	573	0	0	9884	10838	57	55	CLOTHING IRONERS AND PRESSERS	360
13	16	2633	3208	0	0	326	432	0	0	CUTTING OPERATIVES, NEC	361
4	3	6974	8096	0	0	15334	19318	76	75	DRESSMAKERS, EXC FACTORY	362
29	29	44	53	0	0	17	25	13	12	DRILLERS, EARTH	363
13	14	21	25	33	35	191	219	7	7	DRY WALL INSTALLERS, LATHERS	364
0	0	139	153	0	0	5	5	0	0	DYERS	365
56	64	668	800	0	0	482	580	10	10	FILER, POLISHER, SANDER, BUFFER	366
559	620	48611	58107	33	40	3492	4787	583	574	GARAGE WORKERS, GAS STAT ATTEN	367
0	0	169	177	14	19	16196	18819	137	135	LAUNDRY, DRY CLEAN OP, NEC	368
243	282	27453	34850	0	0	341	337	186	184	MEAT CUTTERS, BUTCHERS, EXC MFG	369
0	0	0	0	0	0	0	0	0	0	MEAT CUTTERS, BUTCHERS, MFG	370
0	0	187	215	0	0	7	9	0	0	MILLINERS	371
0	0	0	0	0	0	0	0	0	0	MINE OPERATIVES, NEC	372
0	0	499	581	0	0	53	72	0	0	MIXING OPERATIVES	373
965	985	309	371	0	0	235	298	60	58	OILERS, GREASERS, EXC AUTO	374
33	35	2307	2512	7	9	4503	5465	7	7	PAINTERS, MFG ARTICLES	375
156	180	319	638	43	53	13779	16186	403	394	PHOTOGRAPHIC PROCESS WORKERS	376
39	46	83	102	0	0	21	27	0	0	RIVETERS AND FASTENERS	377
2879	2938	32	25	0	0	324	389	197	134	SAILORS AND DECKHANDS	378
31	38	943	952	14	17	44	54	26	27	SAWYERS	379
5	5	1383	1619	0	0	2027	2391	37	38	SEWERS AND STITCHERS	380
0	0	0	0	0	0	0	0	0	0	SHOEMAKING MACHINE OPR	381
204	261	248	298	31	35	1109	1298	588	553	FURNACE TENDR, STOKR, EXC METAL	382
34	34	196	238	0	0	375	500	0	0	WINDING OPERATIVES, NEC	383
819	905	10111	12000	370	450	3388	3733	744	733	MISC MACH OPERATIVES	384
8492	9137	13271	15873	484	618	19473	23081	1739	1739	OPERATIVES, NEC	385

Table 22 - DETAILED OCCUPATIONAL EMPLOYMENT BY INDUSTRY DIVISION FOR STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY FISHERIES		MINING		CONSTRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
386	TRANSPORT EQUIPMENT OPERATIVES	326836	371449	3813	4243	2745	2947	12263	14345	60211	67807
387	BOAT OPERATORS	546	682	64	146	8	9	16	20	51	56
388	BUS DRIVERS	29659	31651	0	0	0	0	0	0	92	100
389	CONDUCTORS AND OPR. URBAN RAIL	673	719	0	0	0	0	0	0	0	0
390	DELIVERY AND ROUTE WORKERS	105492	121543	1164	1278	281	302	1182	1423	20507	22797
391	FORK LIFT, TOW MOTOR OPR	34649	39287	279	298	163	169	629	755	20830	23585
392	RAIL VEHICLE OPERATORS, NEC	134	147	0	0	33	33	21	23	65	71
393	PARKING ATTENDANTS	7228	8891	0	0	0	0	21	24	29	32
394	RAILROAD BRAKE OPERATORS	1713	1573	0	0	0	0	13	14	57	62
395	RAILROAD SWITCH OPERATORS	3163	2963	0	0	0	0	9	10	147	157
396	TAXICAB DRIVERS, CHAUFFEURS	10006	10377	8	9	3	9	43	51	350	413
397	TRUCK DRIVERS	133571	153639	2298	2513	2253	2423	10320	12024	18083	20530
398	SERVICE WORKERS	1392205	1620266	2464	2743	501	562	3628	4219	29350	33692
399	CLEANING SERVICE WRKRS	255506	295735	1108	1226	324	366	2626	3102	19187	22332
400	LODGING QTRS CLEANRS. EXC PRIV	29530	36727	18	20	0	0	0	0	0	0
401	BLDG INTERIOR CLEANERS, NEC	52298	63052	313	349	53	59	535	648	1544	1780
402	JANITORS AND SEXTONS	173678	195956	777	857	271	307	2091	2462	17642	20542
403	FOOD SERVICE WRKRS	550330	669357	639	744	45	50	330	387	2491	2778
404	BARTENDERS	42550	52549	0	0	0	0	0	0	7	8
405	DINING ROOM ATTENDANTS	35134	45612	0	0	0	0	0	0	25	27
406	COOKS, EXC PRIVATE	143015	181775	509	601	29	33	65	75	1104	1203
407	DISHWASHERS	31221	36009	0	0	0	0	21	26	203	237
408	FOOD COUNTER, FOUNTAIN WORKERS	52418	65109	0	0	0	0	11	12	312	351
409	WAITERS, WAITRESSES	198151	231186	55	62	9	10	86	101	310	356
410	FOOD WORKERS, NEC, EXC PRIVATE	47843	57117	76	81	7	7	35	42	529	594
411	HEALTH SERVICE WRKRS	189477	228047	151	163	0	0	13	15	80	93
412	DENTAL ASSISTANTS	28793	34283	0	0	0	0	0	0	0	0
413	HEALTH AIDES, EXCEPT NURSING	25051	30714	59	63	0	0	0	0	23	27
414	HEALTH TRAINEES	1449	1783	0	0	0	0	0	0	0	0
416	NURSES AIDES, ORDERLIES	81631	98409	62	66	0	0	13	15	40	46
417	LVN (LIC VOC NURSES)	51353	63078	31	33	0	0	0	0	17	20
419	PERSONAL SERVICE WRKRS	103869	203404	151	164	9	10	107	129	872	915
419	FLIGHT ATTENDANTS	19427	10954	0	0	0	0	0	0	29	32
420	ATTEN, RECREATION, AMUSEMENT	15131	18467	40	0	0	0	0	0	0	0
421	ATTEN, PERSONAL SERVICE, NEC	8755	10318	0	0	0	0	0	0	441	496
422	BAGGAGE PORTERS AND BELLHOPS	3872	3543	0	0	0	0	0	0	0	0
423	BARBERS	8317	8563	0	0	0	0	0	0	0	0
424	BOARDING, LODGING HOUSEKEEPERS	4037	4825	0	0	0	0	0	0	0	0
425	BOOTBLACKS	343	361	0	0	0	0	0	0	0	0
426	CHILD CARE WORKERS, EXC PRIVATE	43482	47539	0	0	0	0	0	0	52	65
427	ELEVATOR OPERATORS	2341	2127	0	0	0	10	91	82	176	145
428	HAIRDRESSERS, COSMETOLOGISTS	52672	58200	0	0	0	0	0	0	54	61
429	HOUSEKEEPERS, EXC PRIVATE	15095	17959	151	164	0	0	56	67	110	116
431	SCHOOL MONITORS	12758	12766	0	0	0	0	0	0	0	0
432	USHERS, RECREATION, AMUSEMENT	3567	4238	0	0	0	0	0	0	0	0
433	WELFARE SERVICE AIDES	3383	3825	0	0	0	0	0	0	0	0
434	PROTECTIVE SERVICE WRKRS	159551	183210	413	448	123	136	822	717	6720	7575
435	CROSSING GUARD, BRIDGETENDERS	3659	3651	0	0	0	0	80	89	0	0
436	FIREFIGHTERS	28879	32083	192	218	21	24	20	24	333	362
437	GUARDS	61110	76103	203	210	87	95	342	401	6270	7080
438	MARSHALS AND CONSTABLES	1258	1259	0	0	0	0	0	0	0	0
439	POLICE AND DETECTIVES	53758	57820	18	20	14	16	180	203	118	132
440	SHERIFFS AND BAILIFFS	9888	10293	0	0	0	0	0	0	0	0
441	PRIVATE HOUSEHOLD WRKRS	55473	63514	0	0	0	0	0	0	0	0
442	CHILD CARE WORKERS	23944	21271	0	0	0	0	0	0	0	0
443	COOKS, PRIVATE	1959	1029	0	0	0	0	0	0	0	0
444	HOUSEKEEPERS, PRIVATE	7563	5336	0	0	0	0	0	0	0	0
445	LAUNDERERS, PRIVATE HOUSEHOLD	494	349	0	0	0	0	0	0	0	0
446	PRIV HOUSEHOLD CLEANRS, SERVANTS	22011	15530	0	0	0	0	0	0	0	0
447	LABORERS, EXCEPT FARM	515471	582756	78240	99658	1383	1514	79947	76726	64772	73901
448	ANIMAL CARETAKERS, EXC FARM	14449	15856	9080	9783	0	0	0	0	183	219
449	CARPENTERS HELPERS	7377	8004	0	0	0	0	5243	5471	1235	1528
450	CONSTR LABR, EXC CARPENTER HELP	77513	78597	337	428	430	477	43386	45029	2753	3174
451	FISHERS	3010	2964	2922	2879	0	0	0	0	10	12
452	FREIGHT, MATERIAL HANDLERS	63116	72262	306	364	437	484	1361	1527	25003	28775
453	GARBAGE COLLECTORS	5628	6218	0	0	0	0	31	35	0	0
454	GARDENR, GROUNDSKEEPR, EXC FARM	133062	156639	64333	84994	x	x	2711	3181	995	1147
455	LONGSHORE WORKERS, STEVEDORES	5219	5364	0	0	-	-	23	23	172	187
456	TIMBERCUTTING, LOGGING WORKERS	3241	3202	24	32	0	0	30	37	2832	2998
457	STOCK HANDLERS	91649	103548	50	60	x	x	162	183	5673	6636
458	TEAMSTERS	379	444	0	0	0	0	1	1	233	275
459	VEHICLE WASHR, EQUIP CLEANERS	24019	28034	70	81	78	87	234	244	4077	4563
460	WAREHOUSE LABORERS, NEC	32124	36682	65	63	58	65	493	589	7028	7956
461	OTHER LABORERS	54684	64721	1052	992	164	184	8	8	14348	16174
462	FARMERS AND FARM WORKERS	350068	373212	350068	373212	0	0	0	0	0	0
463	FARMERS AND FARM MANAGERS	56991	57858	56991	57858	0	0	0	0	0	0
464	FARMERS (OWNERS AND TENANTS)	46522	45910	46522	45910	0	0	0	0	0	0
465	FARM MANAGERS	10470	11948	10470	11948	0	0	0	0	0	0
466	FARM LABORERS, FARM SUPERVISORS	293076	315353	293076	315353	0	0	0	0	0	0
467	FARM LABOR SUPERVISORS	16609	17876	16609	17876	0	0	0	0	0	0
468	FARM LABORERS, WAGE WRKRS	270997	291661	270997	291661	0	0	0	0	0	0
469	FARM LABORERS, UNPAID FAMILY	3666	4116	3666	4116	0	0	0	0	0	0
470	FARM LABORERS, SELF-EMPL	1805	1699	1805	1699	0	0	0	0	0	0

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY	LINE NUMBER
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985		
113892	126583	94349	110196	1179	1452	32334	27911	6052	5944	TRANSPORT EQUIPMENT OPERATIVES	386
159	162	17	20	0	0	130	170	102	99	BOAT OPERATORS	387
26672	28514	61	73	139	171	2450	2560	236	233	BUS DRIVERS	388
664	709	0	0	0	0	8	8	10	10	CONDUCTORS AND OPR. URBAN RAIL	389
8173	9382	61258	71062	334	408	12389	14891	205	201	DELIVERY AND ROUTE WORKERS	390
2893	3207	7784	9036	0	0	838	1026	1234	1210	FORK LIFT, TOW MOTOR OPR	391
8	7	0	0	0	0	8	11	0	0	RAIL VEHICLE OPERATORS, NEC	392
50	56	1089	1381	298	369	5592	6882	151	148	PARKING ATTENDANTS	393
1615	1465	0	0	0	0	0	0	27	28	RAILROAD BRAKE OPERATORS	394
2943	2699	46	59	0	0	0	0	19	18	RAILROAD SWITCH OPERATORS	395
5760	5782	417	484	189	231	2876	3047	356	351	TAXICAB DRIVERS, CHAUFFEURS	396
64957	74600	23677	28081	219	272	8043	9525	3712	3666	TRUCK DRIVERS	397
23490	24497	472839	583700	15753	20070	724194	823269	119985	127506	SERVICE WORKERS	398
5484	5858	23888	28844	10848	13470	178550	207213	13491	13324	CLEANING SERVICE WRKRS	399
15	14	665	675	152	189	28618	35569	61	60	LODGING QTRS CLEANRS, EXC PRIV	400
677	711	5453	6679	2261	2823	40602	49155	860	847	BLDG INTERIOR CLEANERS, NEC	401
4791	5133	17770	21289	8435	10458	109329	122489	12570	12417	JANITORS AND SEXTONS	402
2808	2659	433234	536368	902	1214	107574	122798	2537	2490	FOOD SERVICE WRKRS	403
44	47	37240	47699	7	9	5230	4767	21	20	BARTENDERS	404
20	21	29415	38828	13	16	5597	6857	63	62	DINING ROOM ATTENDANTS	405
981	1025	109162	143288	314	387	29548	33884	1303	1280	COOKS, EXC PRIVATE	406
122	133	23535	28156	71	88	7155	7259	113	110	DISHWASHERS	407
194	214	38721	50503	82	102	12967	13799	131	128	FOOD COUNTER, FOUNTAIN WORKERS	408
670	687	176144	205580	268	335	20195	23652	411	403	WAITERS, WAITRESSES	409
577	531	19017	22514	226	278	26880	32581	496	486	FOOD WORKERS, NEC, EXC PRIVATE	410
71	74	428	497	20	25	186751	283232	962	949	HEALTH SERVICE WRKRS	411
0	0	0	0	0	0	28704	34197	89	86	DENTAL ASSISTANTS	412
23	24	303	345	0	0	24508	30114	143	141	HEALTH AIDES, EXCEPT NURSING	413
0	0	0	0	0	0	1449	1763	0	0	HEALTH TRAINEES	414
32	34	89	110	0	0	80972	93721	422	417	NURSES AIDES, ORDERLIES	416
16	16	35	43	20	25	51126	63437	307	304	LVN (LIC VOC NURSES)	417
13382	13853	11782	14028	1613	1972	152479	169196	3435	3137	PERSONAL SERVICE WRKRS	418
10368	10887	18	21	0	0	12	15	0	0	FLIGHT ATTENDANTS	419
199	227	440	576	66	84	12962	16136	1464	1445	ATTEN. RECREATION. AMUSEMENT	420
624	711	1411	1581	448	557	5598	6644	233	229	ATTEN. PERSONAL SERVICE, NEC	421
802	591	0	0	0	0	2762	2943	8	8	BAGGAGE PORTERS AND BELLHOPS	422
78	40	483	515	0	0	7595	7849	161	158	BARBERS	423
0	0	0	0	0	0	4027	4825	0	0	BOARDING, LODGING HOUSEKEEPERS	424
0	0	0	0	0	0	343	361	0	0	BOOTBLACKS	425
58	57	184	206	107	135	42680	46712	391	385	CHILD CARE WORKERS, EXC PRIVATE	426
85	86	304	219	570	669	911	635	194	101	ELEVATOR OPERATORS	427
112	136	5957	6950	0	0	46447	50953	103	101	HAIRDRESSERS, COSMETOLOGISTS	428
1056	1117	2985	3861	421	527	10088	11881	229	225	HOUSEKEEPERS, EXC PRIVATE	429
0	0	0	0	0	0	12756	12766	0	0	SCHOOL MONITORS	431
0	0	0	0	0	0	3567	4238	0	0	USHERS, RECREATION, AMUSEMENT	432
0	0	0	0	0	0	2731	3039	652	486	WELFARE SERVICE AIDES	433
1944	2052	3508	3963	2291	3398	43368	57316	99561	107606	PROTECTIVE SERVICE WRKRS	434
119	125	0	0	0	0	348	355	3111	3082	CROSSING GUARD, BRIDGETENDERS	435
97	100	24	28	7	9	393	455	27792	30863	FIREFIGHTERS	436
1670	1555	3142	3552	2218	3306	37339	49820	10039	12083	GUARDS	437
0	0	0	0	0	0	8	0	1258	1259	MARSHALS AND CONSTABLES	438
258	272	342	384	66	83	5288	6685	47473	50025	POLICE AND DETECTIVES	439
0	0	0	0	0	0	0	0	9888	10293	SHERIFFS AND BAILIFFS	440
0	0	0	0	0	0	55473	93514	0	0	PRIVATE HOUSEHOLD WRKRS	441
0	0	0	0	0	0	23944	21271	0	0	CHILD CARE WORKERS	442
0	0	0	0	0	0	1459	1029	0	0	COOKS, PRIVATE	443
0	0	0	0	0	0	7563	5336	0	0	HOUSEKEEPERS, PRIVATE	444
0	0	0	0	0	0	494	349	0	0	LAUNDERERS, PRIVATE HOUSEHOLD	445
0	0	0	0	0	0	22011	15530	0	0	PRIV HOUSEHOLD CLEANRS, SERVANTS	446
47196	51157	133465	154116	8172	10212	82317	91759	23978	23715	LABORERS, EXCEPT FARM	447
38	45	991	1221	0	0	3283	3662	933	925	ANIMAL CARETAKERS, EXC FARM	448
135	138	273	339	30	37	363	396	97	95	CARPENTERS HELPERS	449
3987	4188	1692	2102	166	208	1813	2053	950	937	CONSTR LABR, EXC CARPENTER HELP	450
0	0	72	67	0	0	7	8	0	0	FISHERS	451
13938	15807	13574	15677	81	102	4761	5520	3230	3226	FREIGHT, MATERIAL HANDLERS	452
5539	6118	8	11	19	24	13	13	12	11	GARBAGE COLLECTORS	453
1249	1325	2133	2750	6452	8069	41331	41735	13784	13639	GARDENR, GROUNDSKEEPR, EXC FARM	454
4023	5053	63	77	7	9	0	0	28	28	LONGSHORE WORKERS, STEVEDORES	455
32	34	103	100	0	0	0	0	0	0	TIMBERCUTTING, LOGGING WORKERS	456
1140	1264	81031	91245	144	176	3089	3523	437	426	STOCK HANDLERS	457
26	26	66	76	0	0	49	63	0	0	TEAMSTERS	458
2590	2767	4404	4969	13	16	12215	14947	366	361	VEHICLE WASHR, EQUIP CLEANERS	459
2596	2928	17160	20186	20	25	1328	1528	3377	3310	WAREHOUSE LABORERS, NEC	460
11006	11464	11894	15100	1240	1552	14206	18291	766	756	OTHER LABORERS	461
0	0	0	0	0	0	0	0	0	0	FARMERS AND FARM WORKERS	462
0	0	0	0	0	0	0	0	0	0	FARMERS AND FARM MANAGERS	463
0	0	0	0	0	0	0	0	0	0	FARMERS (OWNERS AND TENANTS)	464
0	0	0	0	0	0	0	0	0	0	FARM MANAGERS	465
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, FARM SUPERVISORS	466
0	0	0	0	0	0	0	0	0	0	FARM LABOR SUPERVISORS	467
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, WAGE WRKRS	468
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, UNPAID FAMILY	469
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, SELF-EMPL	470

Table 23 - JOB OPPORTUNITIES FROM INDUSTRY CHANGE AND REPLACEMENT NEEDS - STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	JOB OPPORTUNITIES, 1980 TO 1985: CHANGE IN EMPLOYMENT	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	PERCENT CHANGE IN EMPLOYMENT
1	TOTAL, ALL OCCUPATIONS	1682177	1796221	3478398	695680	15.47
2	PROFESSIONAL, TECHNICAL, KINDRED	272066	267042	539108	107822	14.42
3	ENGINEERS, TECHNICAL	43386	21364	63750	12750	19.53
4	ENGINEERS, AERO-ASTRONAUTIC	2601	1819	4420	884	12.17
5	ENGINEERS, CHEMICAL	867	479	1346	269	18.59
6	ENGINEERS, CIVIL	6319	4045	10364	2073	19.22
7	ENGINEERS, ELECTRICAL	13734	4681	18415	3683	20.81
8	ENGINEERS, INDUSTRIAL	5242	2709	7951	1590	20.95
9	ENGINEERS, MECHANICAL	5717	3490	9207	1841	19.02
10	ENGINEERS, METALLURGICAL	290	183	473	95	16.38
11	ENGINEERS, MINING	120	114	234	47	25.40
12	ENGINEERS, PETROLEUM	286	201	487	97	16.02
13	ENGINEERS, SALES	1364	843	2207	441	20.65
14	ENGINEERS, OTHER	5845	2800	8646	1729	22.89
15	LIFE AND PHYSICAL SCIENTISTS	5084	3574	8658	1732	16.06
16	AGRICULTURAL SCIENTISTS	195	359	554	111	10.05
17	ATMOSPHERIC, SPACE SCIENTISTS	108	125	233	47	11.66
18	BIOLOGICAL SCIENTISTS	799	616	1415	283	15.75
19	CHEMISTS	2240	1507	3747	749	16.67
20	GEOLOGISTS	554	467	1021	204	17.28
21	MARINE SCIENTISTS	209	170	379	76	15.29
22	PHYSICISTS AND ASTRONOMERS	954	312	1266	253	17.19
23	LIFE, PHYSICAL SCIENTISTS NEC	25	18	43	9	16.40
24	MATHEMATICAL SPECIALISTS	820	658	1478	296	16.03
25	ACTUARIES	105	99	204	41	20.66
26	MATHEMATICIANS	272	120	392	78	16.77
27	STATISTICIANS	443	439	882	176	14.83
28	ENGINEERS, SCIENCE TECHNICIANS	24108	11540	35648	7130	17.98
29	AGRI, BIOLOG TECH EXC HEALTH	602	542	1144	229	12.66
30	CHEMICAL TECHNICIANS	1004	512	1516	303	15.18
31	DRAFTERS	8772	4281	13053	2611	18.65
32	ELECTRICAL, ELECTRONIC TECH	7348	2458	9806	1961	19.98
33	INDUSTRIAL ENGINEERING TECH	440	369	809	162	15.46
34	MATHEMATICAL TECHN	47	10	57	11	19.56
35	MECHANICAL ENGINEERING TECH	361	186	547	109	18.17
36	SURVEYORS	1121	699	1820	364	13.97
37	ENGINEERING, SCIENCE TECH NEC	4413	2483	6896	1379	17.12
38	MEDICAL WORKERS, EXC TECH	46486	43503	89989	17998	18.78
39	CHIROPRACTORS	2897	4517	7414	1483	32.01
40	DENTISTS	2788	1355	4143	829	15.89
41	DIETITIANS	703	699	1402	280	20.89
42	OPTOMETRISTS	3941	2816	6757	1351	33.50
43	PHARMACISTS	2798	3499	6297	1259	20.16
44	PHYSICIANS, MD OSTEOPATHS	11632	3478	15110	3022	22.10
45	PODIATRISTS	721	1021	1742	348	21.02
46	REGISTERED NURSES	16648	22512	39160	7832	14.98
47	THERAPISTS	3761	2909	6670	1334	20.53
48	VETERINARIANS	300	345	645	129	7.19
49	OTHER MEDICAL AND HEALTH	297	352	649	130	13.52
50	HEALTH TECHNOL AND TECH	12913	8389	21302	4260	23.21
51	CLINICAL LAB TECHNOL, TECH	5098	3599	8697	1739	20.71
52	DENTAL HYGIENISTS	1941	873	2814	563	35.77
53	HEALTH RECORD TECHNOL, TECH	408	412	820	164	20.49
54	RADIOLOGIC TECHNOL, TECH	3113	1772	4885	977	27.41
55	THERAPY ASSISTANTS	136	107	243	49	19.38
56	OTHER HEALTH TECHNOL, TECH	2217	1626	3843	769	19.20
57	TECHNICIANS, EXC HEALTH	3287	2319	5606	1121	11.54
58	AIRPLANE PILOTS	1387	682	2069	414	11.96
59	AIR TRAFFIC CONTROLLERS	230	233	463	93	9.72
60	EMBALMERS	145	63	208	42	21.04
61	FLIGHT ENGINEERS	213	116	329	66	10.18
62	RADIO OPERATORS	284	557	841	168	9.54
63	TOOL PROGRAMERS, NUMERICAL	99	32	131	26	18.71
64	OTHER TECHNICIANS EXC HEALTH	929	636	1565	313	16.02
65	COMPUTER SPECIALISTS	15337	3539	18876	3775	25.14
66	COMPUTER PROGRAMERS	9678	2173	11851	2370	25.09
67	COMPUTER SYSTEMS ANALYSTS	4617	1137	5754	1151	25.21
68	OTHER COMPUTER SPECIALISTS	1042	229	1271	254	26.51
69	SOCIAL SCIENTISTS	4845	3084	7849	1570	20.32
70	ECONOMISTS	2769	1483	4252	850	23.71
71	POLITICAL SCIENTISTS	20	53	73	15	8.83
72	PSYCHOLOGISTS	1750	1143	2893	579	20.19
73	SOCIOLOGISTS	36	46	82	16	10.10
74	URBAN AND REGIONAL PLANNERS	218	156	374	75	9.89
75	OTHER SOCIAL SCIENTISTS	52	123	175	35	7.37
76	TEACHERS	1646	68175	69821	13964	0.35
77	ADULT EDUCATION TEACHERS	779	1625	2404	481	7.95
78	COLLEGE AND UNIVERSITY TEACHERS*	1371	8986	10357	2071	1.83
67	ELEMENTARY SCHOOL TEACHERS	-45	28995	29040	5808	0.02
97	PRESCHOOL, KINDERGARTEN	2874	4908	7782	1556	10.35
99	SECONDARY SCHOOL TEACHERS	-5881	13340	7459	1491	-4.67
106	TEACHERS NEC, EXC COLL, UNIVER	2435	10321	12756	2552	5.59

*College and university teachers by subject have been aggregated into the single occupation "College and University Teachers."

Table 23 - JOB OPPORTUNITIES FROM INDUSTRY CHANGE AND REPLACEMENT NEEDS - STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	JOB OPPORTUNITIES, 1980 TO 1985: CHANGE IN EMPLOYMENT	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	PERCENT CHANGE IN EMPLOYMENT
107	WRITERS, ARTISTS, ENTERTAINERS	35035	27763	62798	12560	19.32
108	ACTORS	996	868	1864	373	16.97
109	ATHLETES AND KINDRED WORKERS	2954	1601	4555	911	23.10
110	AUTHORS	1946	2011	3957	791	19.93
111	DANCERS	715	490	1205	241	26.83
112	DESIGNERS	3996	3318	7314	1463	14.67
113	EDITORS AND REPORTERS	3692	3458	7150	1430	17.35
114	MUSICIANS AND COMPOSERS	4684	3467	8151	1630	20.93
115	PAINTERS AND SCULPTORS	5349	4161	9510	1902	19.74
116	PHOTOGRAPHERS	2381	1707	4088	818	19.43
117	PUBLIC RELATIONS SPECIALISTS	3513	3182	6695	1339	20.31
118	RADIO, TV ANNOUNCERS	549	203	752	150	21.12
119	WRITERS, ARTISTS, ENTERTAIN .EC	4260	3297	7557	1511	20.55
120	OTHER PROFESSIONAL, TECHNICAL	80119	73214	153333	30667	18.58
121	ACCOUNTANTS	29629	24034	53663	10733	23.60
122	ARCHITECTS	4183	2029	6212	1242	29.45
123	ARCHIVISTS AND CURATORS	94	192	286	57	10.37
124	CLERGY	1376	4604	5980	1196	6.20
125	RELIGIOUS WORKERS, EXC CLERGY	629	2896	3525	705	7.13
126	FARM MANAGEMENT ADVISORS	20	44	64	13	4.82
127	FORESTERS, CONSERVATIONISTS	599	395	994	199	12.07
128	HOME MANAGEMENT ADVISORS	35	62	97	19	8.15
129	JUDGES	6	593	599	120	0.46
130	LAWYERS	14339	12232	26571	5314	24.36
131	LIBRARIANS	590	2744	3334	667	4.24
132	OPERATIONS, SYSTEMS RESEARCH	2277	1225	3502	700	16.50
133	PERSONNEL LABOR RELATIONS	14887	8694	23581	4716	22.32
134	RESEARCH WORKERS, NEC	3362	2024	5386	1077	16.79
135	RECREATION WORKERS	2442	2054	4496	899	13.96
136	SOCIAL WORKERS	4325	7057	11382	2276	8.71
137	VOCATIONAL, ED COUNSELORS	1326	2335	3661	732	7.71
138	MANAGERS, OFFICIALS, PROPRIETORS	210132	221680	431812	86362	17.75
139	BUYERS, SALES, LOAN MANAGERS	47773	32702	80475	16095	20.68
140	BANK, FINANCIAL MANAGERS	22001	10923	32924	6585	26.65
141	CREDIT MANAGERS	1377	1642	3019	604	13.52
142	BUYERS, SHIPPERS, FARM PROD	610	804	1414	283	25.87
143	BUYERS, WHOLESALE, RETAIL	4294	5254	9548	1910	16.69
144	PURCHASING AGENTS, BUYERS, NEC	4440	3953	8393	1679	16.11
145	SALES MANAGER, RETAIL TRADE	6830	5326	12156	2431	16.75
146	SALES MANAGER, EXC RET TRADE	8221	4800	13021	2604	19.71
147	ADMINISTRATORS, PUB INSPECTORS	3906	15763	19669	3934	4.07
148	ASSESS, CONTROL, LOC PUB ADMIN	53	660	713	143	1.72
149	CONSTRUCTION INSPECTOR, PUB	95	879	974	195	2.97
150	HEALTH ADMINISTRATORS	3717	4049	7766	1553	21.39
151	INSPECTORS, EXC CONSTRUCT PUB	292	1440	1732	346	2.88
152	OFFICIALS, ADMINS, PUB	-490	4457	3977	795	-1.67
153	POSTMASTERS AND MAIL SUPER	6	346	352	70	0.39
154	SCHOOL ADMIN, COLLEGE	227	858	1085	217	4.49
155	SCHOOL ADMIN, ELEM, SECONDARY	6	3064	3070	614	0.02
156	OTHER MANAGERS, OFFICIALS, PROPS	158453	173215	331668	66334	18.50
157	FUNERAL DIRECTORS	49	345	394	79	2.70
158	MGRS, SUPERINTENDANTS, BLDG	5629	16469	22098	4420	17.13
159	OFFICE MANAGERS, NEC	10847	8787	19634	3927	21.08
160	OFFICRS, PILOTS, PURSERS, SHIP	342	436	778	156	13.91
161	OFFICIALS OF LODGES, UNIONS	2407	3480	5887	1177	14.33
162	RAILROAD CONDUCTORS	-148	377	229	46	-9.27
163	RESTAURANT, CAFE, BAR MGRS	9913	13619	23532	4706	12.49
164	OTHER MGRS, ADMINISTRATORS	129414	129702	259116	51823	19.31
165	SALES WORKERS	127124	160583	287707	57541	16.87
166	ADVERTISING AGENTS, SALES MKRS	1820	1848	3668	734	20.10
167	AUCTIONEERS	188	128	316	63	27.15
168	DEMONSTRATORS	-158	453	295	59	-5.29
169	HUCKSTERS AND PEDDLERS	-1384	1837	453	91	-12.95
170	INSURANCE AGENTS, BROKERS, ETC	11110	9403	20513	4103	20.84
171	NEWSPAPER CARRIERS AND VENDORS	843	888	1731	346	10.54
172	REAL ESTATE AGENTS, BROKERS	18878	32636	51514	10303	21.08
173	SALES REPRES, STOCK AND BONDS	2209	3459	6668	1334	19.08
174	SALES WORKERS, NEC	92618	109921	202539	40508	16.46
179	CLERICAL WORKERS	350201	379047	729248	145850	16.22
180	STENOGRAPHERS, TYPISTS, SECRE	117755	121724	239479	47896	18.74
181	SECRETARIES, LEGAL	11718	6615	18333	3667	30.62
182	SECRETARIES, MEDICAL	3691	3118	6809	1362	22.65
183	SECRETARIES, OTHER	79741	77487	157228	31446	20.04
184	STENOGRAPHERS	-646	3405	2759	552	-3.55
185	TYPISTS	23251	31099	54350	10870	14.02
186	OFFICE MACHINE OPERATORS	15460	13232	28692	5738	15.60
187	BOOKKEEPING, BILLING OPERATORS	731	1611	2342	468	7.16
188	CALCULATING MACHINE OPERATORS	329	979	1308	262	7.36
189	COMPUTER & PERIPHERAL EQUP. OPR	5727	1910	7637	1527	21.69
190	DUPLICATING MACHINE OPERATORS	754	676	1430	286	18.94
191	DATA ENTRY OPERATORS	6443	6767	13210	2642	14.34
192	TABULATING MACHINE OPERATORS	-123	99	-24	-4	-9.58
193	OTHER OFFICE MACHINE OPERATORS	1599	1190	2789	558	20.44

Table 23 - JOB OPPORTUNITIES FROM INDUSTRY CHANGE AND REPLACEMENT NEEDS - STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	JOB OPPORTUNITIES, 1980 TO 1985: CHANGE IN EMPLOYMENT	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	PERCENT CHANGE IN EMPLOYMENT
194	OTHER CLERICAL WORKERS	216986	244091	461077	92215	15.16
195	BANK TELLERS	11044	9136	20180	4036	19.10
196	BILLING CLERKS	3069	3124	6193	1239	18.63
197	BOOKKEEPERS, ACCOUNTING CLERKS	39538	51791	91329	18266	15.77
198	CASHIERS	27991	24834	52825	10565	18.87
199	CLERICAL ASSIST, SOC WELFARE	-13	40	27	5	-6.56
200	CLERICAL SUPERVISORS, NEC	4605	4953	9558	1912	13.29
201	COLLECTORS, BILL AND ACCOUNT	2657	2470	5127	1025	21.94
202	COUNTER CLERKS, EXC FOOD	7405	8654	16059	3212	17.11
203	DISPATCHER, STARTER, VEHICLE	1834	1301	3135	627	19.64
204	ENUMERATORS AND INTERVIEWERS	1178	1509	2667	537	15.55
205	ESTIMATORS, INVESTIGATORS, NEC	11088	10108	21196	4239	17.93
206	EXPEDITORS, PROD CONTROLLERS	5064	3960	9024	1805	15.87
207	FILE CLERKS	7234	7657	14891	2978	17.57
208	INSURANCE ADJUST, EXAM	3530	2094	5624	1125	20.69
209	LIBRARY ATTENDANTS, ASSISTANT	609	3717	4326	865	2.72
210	MAIL CARRIERS, POST OFFICE	104	2713	2817	563	9.37
211	MAIL HANDLER, EXC POST OFFICE	3210	3266	6476	1295	17.53
212	MESSENGERS AND OFFICE HELPERS	500	1100	1600	320	7.60
213	METER READERS, UTILITIES	180	241	421	84	6.01
214	PAYROLL, TIME KEEPING CLERKS	2898	3571	6469	1294	14.98
215	POSTAL CLERKS	128	4565	4693	939	9.37
216	PROOFREADERS	250	489	739	148	12.78
217	REAL ESTATE APPRAISERS	926	1115	2041	408	14.95
218	RECEPTIONISTS	14364	16520	30884	6177	17.24
219	SHIPPING, RECEIVING CLERKS	9487	6835	16322	3264	17.06
220	STATISTICAL CLERKS	6314	7461	13775	2755	14.82
221	STOCK CLERKS, STORE KEEPERS	9213	8761	17974	3595	14.37
222	TEACHERS AIDES, EXC MONITORS	8058	4542	12600	2520	23.05
223	TELEGRAPH MESSENGERS	-13	41	28	6	-1.98
224	TELEGRAPH OPERATORS	-18	156	140	29	-1.18
225	TELEPHONE OPERATORS	-686	10317	9631	1926	-1.23
226	TICKET STATION, EXPRESS AGENTS	949	1769	2718	544	6.34
227	WEIGHERS	416	590	1006	201	10.68
228	MISC CLERICAL WORKERS, NEC	33865	34691	68556	13711	16.71
229	CRAFTS AND KINDRED WORKERS	201699	171960	373659	74732	15.74
230	CONSTRUCTION CRAFTS WORKERS	53007	49607	102614	20523	15.21
231	CARPENTERS	15586	16245	31831	6366	14.16
232	BRICKMASONS AND STONEMASONS	637	1116	1753	351	6.33
233	BULLDOZER OPERATORS	1267	1031	2298	460	14.96
234	CEMENT AND CONCRETE FINISHERS	2659	1425	4084	817	20.52
235	ELECTRICIANS	9229	7515	19744	3249	17.10
236	EXCAVATING, GRADING, MACH OP	3844	2964	6808	1362	14.35
237	FLOOR LAYERS, EXC TILE SETTERS	701	353	1054	211	22.55
238	PAINTERS, CONSTRUCTION, MAINT	6083	10869	16952	3390	10.48
239	PLUMBERS AND PIPEFITTERS	7853	5596	13449	2690	19.10
240	ROOFER AND SLATERS	2047	657	2704	541	23.29
241	STRUCTURAL METAL CRAFT	1936	1104	3040	608	19.18
242	TILESETTERS	1165	732	1897	379	22.79
251	BLUE COLLAR WKRS SUPVR, NEC	28677	20000	48677	9735	15.69
252	METAL CRAFTS WORKERS, EXC MECH	19701	16165	35866	7173	16.34
253	BLACKSMITHS	-103	246	143	29	-7.35
254	BOILERMAKERS	405	617	1022	204	14.34
255	HEAT TREATERS, ANNEALERS, ETC	229	184	413	83	15.52
256	FORGE AND HAMMER OPERATORS	281	183	464	93	17.08
257	JOB AND DIE SETTERS, METAL	769	372	1141	228	18.65
258	MACHINISTS	8665	7296	15961	3192	16.14
260	MILLWRIGHTS	642	520	1162	232	17.46
261	MOLDERS, METAL	821	501	1322	264	17.32
263	PATTERN AND MODEL MAKERS	883	812	1695	339	18.35
264	ROLLERS AND FINISHERS, METAL	99	93	192	38	12.20
265	SHEET METAL WORKERS, TINSMITHS	4172	2661	6833	1367	16.96
267	TOOL, DIEMAKERS	2838	2680	5518	1104	16.91
269	MECHANICS, REPAIRERS, INSTAL	64802	43454	108256	21651	17.59
270	AIR COND, HEATING, REFRIG	3192	1814	5006	1001	23.50
271	AIRCRAFT MECHANICS	1753	2764	4517	903	6.23
272	AUTO ACCESSORIES INSTALR	294	142	436	87	17.22
273	AUTO BODY REPAIRERS	4290	2441	6731	1346	17.96
274	AUTO MECHANICS	15785	11748	27533	5507	14.64
276	DATA PROCESSING MACH REPAIRERS	4390	446	4836	967	37.43
277	FARM IMPLEMENT	949	494	1443	329	23.10
278	HEAVY EQUIP MECH, INCL DIESEL	14166	10792	24958	4992	17.68
279	HOUSEHOLD APPLIANCE MECHANICS	2684	2159	4843	969	15.29
281	OFFICE MACHINE REPAIRERS	3257	1158	4416	883	24.85
282	RADIO, TELEVISION REPAIRERS	7014	2922	9936	1987	27.44
283	RAILROAD, CAR SHOP REPAIRERS	-207	644	437	87	-9.55
284	OTHER MECHANICS	7235	5729	12964	2593	18.87
286	PRINTING TRADE CRAFTS WORKERS	4348	6640	10988	2198	9.57
287	BOOKBINDERS	834	435	1269	254	19.33
288	COMPOSITORS AND TYPESETTERS	-343	3145	2802	560	-1.95
289	ELECTROTYPERS, STEREOTYPERS	-86	194	108	22	-11.28
290	ENGRAVERS EXC PHOTOENGRAVERS	275	104	379	116	21.99
291	PHOTOENGRAVERS, LITHOGRAPHERS	864	598	1462	292	19.28
292	PRESS WKRS AND PLATE PRINTERS	3004	1764	4768	954	18.11

Table 23 - JOB OPPORTUNITIES FROM INDUSTRY CHANGE AND REPLACEMENT NEEDS - STATE OF CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	JOB OPPORTUNITIES, 1980 TO 1985: CHANGE IN EMPLOYMENT	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	PERCENT CHANGE IN EMPLOYMENT
295	TRANSPORTATION, PUB UTIL CRAFT	8486	3590	12076	2415	13.75
296	ELEC PWR LINE INSTAL, REPAIRERS	578	460	1038	208	7.06
297	LOCOMOTIVE ENGINEERS	-143	508	365	73	-8.02
298	LOCOMOTIVE ENGINEERS HELPERS	-31	51	20	4	-8.46
299	POWER STATION OPERATORS	80	152	232	46	5.88
300	TELEPHONE INSTALLERS, REPAIRERS	6804	2115	8919	1784	15.89
301	TELEPHONE LINE INSTAL, SPLICERS	1198	304	1502	300	16.66
302	OTHER CRAFTS, KINDRED WORKERS	24678	30504	55182	11036	14.54
303	BAKERS	1809	2620	4429	886	12.33
304	CABINETMAKERS	2941	2230	5171	1034	24.42
305	CARPET INSTALLERS	1768	466	2234	447	22.45
306	CRANE, DERRICK, AND HOIST OPR	1692	1436	3128	626	14.77
307	DECORATORS, WINDOW DRESSERS	3091	2321	5412	1082	24.77
308	DENTAL LABORATORY TECH	1845	1345	3190	638	19.97
309	FURNITURE AND WOOD FINISH	889	672	1561	312	26.44
310	FURRIERS	32	129	161	32	13.67
311	GLAZIERS	1187	501	1688	338	24.09
312	INSPECTORS, LOG AND LUMBER	-79	321	242	48	-3.00
313	INSPECTORS, OTHER	1932	2319	4251	850	14.57
314	JEWELERS AND WATCHMAKERS	1998	2112	3558	712	22.82
315	MILLERS, GRAIN, FLOUR, FEED	29	37	66	13	8.39
316	MOTION PICTURE PROJECTIONISTS	233	1313	1546	309	6.91
317	OPTICIANS, LENS GRINDR, POLISHR	1530	988	2518	504	26.43
318	PIANO, ORGAN TUNERS, REPAIRERS	72	626	698	140	5.35
319	SHIPFITTERS	56	225	281	56	3.70
320	SHOE REPAIRERS	198	936	1134	227	7.46
321	SIGN PAINTERS AND LETTERERS	1121	1153	2274	455	28.09
322	STATIONARY ENGINEERS	-431	2826	2395	479	-2.47
323	STONE CUTTERS, STONE CARVERS	51	77	128	26	10.21
324	TAILORS	1056	2283	3339	668	13.60
325	UPHOLSTERERS	28	1942	1970	394	3.23
326	CRAFTS AND KINDRED WRKRS, NEC	2182	1626	3808	762	16.76
329	OPERATIVES	202460	173703	376162	75233	14.99
330	OPERATIVES, EXC TRANSPORT	157845	140302	298147	59629	15.41
331	SEMISKILLED METALWORKING	20088	14586	34674	6935	16.11
332	DRILL PRESS OPERATIVES	-102	876	774	155	-1.62
333	FURNACE TENDRS, SMELTRS,POURERS	560	394	954	191	15.57
334	GRINDING MACHINE OPERATIVES	2053	1524	3577	715	17.67
335	HEATERS, METAL	26	39	65	13	9.89
336	LATHE, MILLING MACH OPERATIVES	2969	2091	5060	1012	17.06
337	METAL PLATERS	1057	551	1608	322	17.24
338	OTHER PRECISION MACH OPR	1096	701	1797	359	17.83
339	PUNCH STAMPING PRESS OPR	2344	1349	3693	739	19.02
340	SOLDERERS	-131	812	681	136	-2.05
341	WELDERS AND FLAME CUTTERS	10216	6249	16465	3293	16.73
342	SEMISKILLED TEXTILE	646	544	1190	238	14.95
347	OTHER TEXTILE OPERATIVES	646	544	1190	238	14.95
348	SEMISKILLED PACKING, INSPECTNG	23306	21544	44850	8970	15.70
349	CHECKERS, EXAMINERS, ETC, MFG	12117	8230	20347	4069	19.25
350	GRADERS AND SORTERS, MFG	527	1256	1783	357	8.88
351	MEAT WRAPPERS, RETAIL TRADE	580	616	1196	239	12.19
352	PACKER, WRAPPER, NEC	9766	9979	19745	3949	14.51
353	PROD GRDR, PACKER, EXC FACT, FAR	316	1463	1779	356	4.20
354	OTHER OPERATIVES, EXC TRANSPORT	113805	103628	217433	43487	15.24
355	ASBESTOS, INSULATION WORKERS	520	264	784	157	20.22
356	ASSEMBLERS	30377	20023	50400	10080	19.39
357	BLASTERS	47	46	93	19	12.05
358	BOTTLING, CANNING OPERATIVES	728	1728	2456	491	9.17
359	SURVEYOR HELPERS	126	76	202	40	10.89
360	CLOTHING IRONERS AND PRESSERS	1336	2994	4330	866	9.17
361	CUTTING OPERATIVES, NEC	3587	2412	5999	1200	19.10
362	DRESSMAKERS, EXC FACTORY	5206	7426	12632	2526	23.35
363	DRILLERS, EARTH	783	621	1404	281	17.75
364	DRY WALL INSTALLERS, LATHERS	2421	640	3061	612	22.03
365	DYERS	124	100	224	45	17.04
366	FILER, POLISHER, SANDER, BUFFER	2134	1507	3641	728	20.06
367	GARAGE WORKERS, GAS STAT ATTEN	2306	3457	5763	1153	4.29
368	LAUNDRY, DRY CLEAN OP, NEC	49	3189	3238	648	0.30
369	MEAT CUTTERS, BUTCHERS, EXC MFG	-504	3901	3397	679	-1.76
370	MEAT CUTTERS, BUTCHERS, MFG	381	1145	1526	305	4.39
371	MILLERS	30	82	112	22	14.90
372	MINE OPERATIVES, NEC	1206	1101	2307	461	12.51
373	MIXING OPERATIVES	1044	689	1733	347	15.42
374	OILERS, GREASERS, EXC AUTO	574	648	1222	244	13.55
375	PAINTERS, MFG ARTICLES	4342	2369	6711	1342	19.95
376	PHOTOGRAPHIC PROCESS WORKERS	4172	2668	6840	1368	23.65
377	RIVETERS AND FASTENERS	391	235	626	125	19.15
378	SAILORS AND DECKHANDS	134	493	627	125	3.80
379	SAWYERS	-153	1369	1207	241	-1.37
380	SEWERS AND STITCHERS	10491	15066	25557	5111	15.72
381	SHOEMAKING MACHINE OPR	247	197	444	89	25.75
382	FURNACE TENDR, STOKR, EXC METAL	683	1023	1687	337	12.24
383	WINDING OPERATIVES, NEC	1319	729	2248	410	24.99
384	MISC MACH OPERATIVES	20305	13294	33599	6720	17.62
385	OPERATIVES, NEC	19418	14145	33563	6713	17.09

Table 23 - JOB OPPORTUNITIES FROM INDUSTRY CHANGE AND REPLACEMENT NEEDS - STATE OF CALIFORNIA

JOB OPPORTUNITIES, 1980 TO 1985

LINE NUMBER	OCCUPATIONAL CATEGORY	CHANGE IN EMPLOYMENT	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	PERCENT CHANGE IN EMPLOYMENT
386	TRANSPORT EQUIPMENT OPERATIVES	44615	33401	78016	15603	13.65
387	BOAT OPERATORS	136	57	193	39	24.89
388	BUS DRIVERS	1992	3993	5985	1197	6.72
389	CONDUCTORS AND OPR. URBAN RAIL	46	81	127	25	6.83
390	DELIVERY AND ROUTE WORKERS	16051	10075	26126	5225	15.22
391	FORK LIFT, TOW MOTOR OPR	4638	2819	7457	1491	13.39
392	RAIL VEHICLE OPERATORS, NEC	13	18	31	6	9.67
393	PARKING ATTENDANTS	1663	1689	3352	670	23.01
394	RAILROAD BRAKE OPERATORS	-139	218	79	16	-8.12
395	RAILROAD SWITCH OPERATORS	-219	405	186	37	-6.92
396	TAXICAB DRIVERS, CHAUFFEURS	371	1840	2211	442	3.71
397	TRUCK DRIVERS	20063	12206	32269	6454	15.02
398	SERVICE WORKERS	228065	270204	498269	99654	16.38
399	CLEANING SERVICE WRKRS	40228	61637	101865	20373	15.74
400	LODGING QTRS CLEANRS, EXC PRIV	7197	7222	14419	2884	24.37
401	BLDG INTERIOR CLEANERS, NEC	10754	12184	22938	4588	20.56
402	JANITORS AND SEXTONS	22277	42231	64508	12902	12.83
403	FOOD SERVICE WRKRS	119027	89335	208362	41672	21.63
404	BARTENDERS	10000	8773	18773	3755	23.50
405	DINING ROOM ATTENDANTS	10478	1887	12365	2473	29.82
406	COOKS, EXC PRIVATE	38760	26470	65230	13046	27.10
407	DISHWASHERS	4789	3261	8050	1610	15.34
408	FOOD COUNTER, FOUNTAIN WORKERS	12691	8388	21079	4216	24.21
409	WAITERS, WAITRESSES	33035	31503	64538	12908	16.67
410	FOOD WORKERS, NEC, EXC PRIVATE	9274	9053	18327	3665	19.38
411	HEALTH SERVICE WRKRS	36571	36592	73163	14633	19.40
412	DENTAL ASSISTANTS	5491	5819	11310	2262	19.07
413	HEALTH AIDES, EXCEPT NURSING	5663	4433	10096	2019	22.61
414	HEALTH TRAINEES	314	297	611	122	21.66
416	NURSES AIDES, ORDERLIES	12778	14457	27235	5447	15.65
417	LVN (LIC VOC NURSES)	12325	11586	23911	4782	23.91
418	PERSONAL SERVICE WRKRS	19536	37810	57346	11469	10.62
419	FLIGHT ATTENDANTS	527	1980	2507	501	5.05
420	ATTEN, RECREATION, AMUSEMENT	3336	2071	5407	1081	22.05
421	ATTEN, PERSONAL SERVICE, NEC	1562	2007	3569	714	17.84
422	BAGGAGE PORTERS AND BELLHOPS	-29	616	587	117	-0.81
423	BARBERS	246	1910	2156	431	2.96
424	BOARDING, LODGING HOUSEKEEPERS	798	1972	2770	554	19.82
425	BOOTBLACKS	18	172	190	38	5.25
426	CHILD CARE WORKERS, EXC PRIVATE	4077	10014	14091	2818	9.36
427	ELEVATOR OPERATORS	-213	933	720	144	-4.13
428	HAIRDRESSERS, COSMETOLOGISTS	5528	10076	15604	3121	10.50
429	HOUSEKEEPERS, EXC PRIVATE	2864	3648	6512	1302	18.97
431	SCHOOL MONITORS	10	1308	1318	264	0.08
432	USHERS, RECREATION, AMUSEMENT	671	499	1170	234	18.81
433	WELFARE SERVICE AIDES	141	604	745	149	4.17
434	PROTECTIVE SERVICE WRKRS	24659	30064	54723	10945	15.55
435	CROSSING GUARD, BRIDGETENDERS	-7	2400	2393	479	-0.19
436	FIREFIGHTERS	3204	1730	4934	987	11.09
437	GUARDS	16994	21926	38920	7784	27.81
438	MARSHALS AND CONSTABLES	1	227	228	46	0.08
439	POLICE AND DETECTIVES	4062	3236	7298	1460	7.36
440	SHERIFFS AND BAILIFFS	405	545	950	190	4.10
441	PRIVATE HOUSEHOLD WRKRS	-11956	14766	2810	562	-21.55
442	CHILD CARE WORKERS	-2673	5725	3052	610	-11.16
443	COOKS, PRIVATE	-430	518	88	18	-29.47
444	HOUSEKEEPERS, PRIVATE	-2237	2093	-134	-26	-29.44
445	LAUNDERERS, PRIVATE HOUSEHOLD	-145	156	11	2	-29.34
446	PRIV HOUSEHOLD CLEANRS, SERVANTS	-6481	6274	-207	-41	-29.44
447	LABORERS, EXCEPT FARM	87285	74963	162228	28446	13.05
448	ANIMAL CARETAKERS, EXC FARM	1407	1981	3388	676	9.74
449	CARPENTERS HELPERS	627	736	1363	273	8.50
450	CONSTR LABR, EXC CARPENTER HELP	1069	7123	8207	1641	1.40
451	FISHERS	-46	477	431	86	-1.33
452	FREIGHT, MATERIAL HANDLERS	9146	5872	15018	3004	14.49
453	GARBAGE COLLECTORS	591	503	1094	219	10.50
454	GARDENR, GROUNDSKEEPR, EXC FARM	23777	36709	60486	12097	17.87
455	LONGSHORE WORKERS, STEVEDORES	165	638	803	161	3.16
456	TIMBERCUTTING, LOGGING WORKERS	-39	331	292	58	-1.20
457	STOCK HANDLERS	11899	6417	18316	3663	12.98
458	TEAMSTERS	65	25	90	18	17.16
459	VEHICLE WASHR, EQUIP CLEANERS	4014	2102	6116	1223	16.71
460	WAREHOUSE LABORERS, NEC	4558	3432	7990	1598	14.19
461	OTHER LABORERS	10037	8597	18634	3727	18.35
462	FARMERS AND FARM WORKERS	23145	77059	100204	20041	6.61
463	FARMERS AND FARM MANAGERS	868	19648	20517	4103	1.52
464	FARMERS (OWNERS AND TENANTS)	-611	16880	16269	3254	-1.31
465	FARM MANAGERS	1479	2769	4248	850	14.13
466	FARM LABORERS, FARM SUPERVISORS	22277	57410	79687	15937	7.60
467	FARM LABOR SUPERVISORS	1267	3142	4409	882	7.83
468	FARM LABORERS, WAGE WRKRS	20663	53101	73764	14753	7.62
469	FARM LABORERS, UNPAID FAMILY	-452	797	1249	250	-15.33
470	FARM LABORERS, SELF-EMPL	-105	370	265	53	-5.82

TABLE 24 -1980 CENSUS DATA FOR CALIFORNIA
CIVILIAN LABOR FORCE 16 YEARS AND OVER BY RACE/ETHNICITY WITHIN OCCUPATION

OCCUPATION	TOTAL NUMBER	PERCENT OF TOTAL CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	11386075	69.74	6.59	17.24	5.45	.74	.21	30.25
MANAGERIAL AND PROFESSIONAL SPECIALTY	2744919	81.88	4.58	7.03	5.77	.54	.17	18.11
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	1309895	82.34	4.21	7.58	5.13	.55	.16	17.65
EXECUTIVE, ADMINISTRATIVE	964999	83.75	3.73	7.36	4.43	.54	.16	16.24
MANAGEMENT RELATED	344896	78.40	5.54	8.18	7.10	.58	.17	21.59
PROFESSIONAL SPECIALTY	1435024	81.47	4.92	6.52	6.35	.52	.18	18.52
ENGINEERS, ARCHITECTS, SURVEYORS	236863	81.60	2.30	5.10	10.39	.39	.20	18.39
MATHEMATICAL AND COMPUTER SCIENTISTS	80940	81.91	3.32	4.85	9.07	.48	.33	18.08
HEALTH DIAGNOSING	82511	83.95	2.99	3.59	9.13	.19	.13	16.04
HEALTH ASSESSMENT AND TREATING	177007	76.55	6.72	5.81	10.07	.60	.23	23.44
TEACHERS, POSTSECONDARY	71378	85.00	3.54	5.83	4.98	.42	.21	14.99
TEACHERS, EXCEPT POSTSECONDARY	350881	81.54	6.19	7.75	3.75	.60	.13	18.45
COUNSELORS, EDUCATIONAL AND VOCATIONAL	21769	70.31	12.36	12.08	4.00	1.14	.08	29.68
LIBRARIANS, ARCHIVISTS, CURATORS	18116	84.01	4.55	5.80	5.06	.32	.23	15.98
SOCIAL SCIENTISTS AND URBAN PLANNERS	29567	86.57	4.50	4.74	3.31	.46	.38	13.42
SOCIAL, RECREATION AND RELIGIOUS WORKERS	84956	71.99	10.89	11.44	4.71	.71	.23	28.00
LAWYERS AND JUDGES	67270	91.09	2.76	3.59	2.02	.35	.17	8.90
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	213766	83.92	3.69	7.39	4.21	.61	.15	16.07
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	3626226	74.54	7.01	11.70	5.87	.65	.20	25.45
TECHNICIANS AND RELATED SUPPORT	365979	74.20	6.54	8.82	9.51	.70	.21	25.79
HEALTH TECHNOLOGISTS AND TECHNICIANS	96666	67.73	11.88	9.13	10.03	.91	.28	32.26
ENGINEERING & RELATED TECHNOLOGISTS & TECHNICIANS	143507	73.65	4.83	10.73	9.94	.64	.18	26.34
TECHNICIANS, EXCEPT HEALTH, ENGINEERING & SCIENCE	125806	79.79	4.37	6.41	8.62	.60	.18	20.20
SALES	1209843	80.59	4.33	9.90	4.42	.55	.18	19.40
SUPERVISORS AND PROPRIETORS	182155	81.36	3.14	8.58	6.16	.54	.18	18.63
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES	264192	87.36	3.41	5.20	3.38	.47	.14	12.63
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL	144124	86.93	2.74	6.95	2.72	.46	.16	13.06
SALES WORKERS, RETAIL AND PERSONAL SERVICES	616340	75.95	5.44	13.01	4.75	.61	.21	24.04
OTHER SALES RELATED	3032	85.62	4.41	6.92	2.40	.36	.26	14.37
ADMINISTRATIVE SUPPORT	2050404	71.03	8.68	13.27	6.08	.70	.20	28.96
SUPERVISORS, ADMINISTRATIVE SUPPORT	132051	74.55	8.21	11.14	5.33	.60	.14	25.44
COMPUTER EQUIPMENT OPERATORS	50679	65.22	11.33	12.99	9.32	.79	.32	34.77
SECRETARIES, STENOGRAPHERS, TYPISTS	499313	76.83	6.51	11.20	4.57	.65	.19	23.16
INFORMATION CLERKS	117705	73.30	7.84	13.46	4.37	.81	.20	26.69
RECORDS PROCESSING EXCEPT FINANCIAL	124637	66.65	10.11	15.60	6.71	.74	.17	33.34
FINANCIAL RECORDS PROCESSING	275230	78.40	4.85	8.99	6.91	.64	.18	21.59
DUPLICATING AND OTHER OFFICE MACHINE OPERATORS	7131	60.63	13.29	15.10	9.17	1.03	.75	39.36
COMMUNICATIONS EQUIPMENT OPERATORS	45705	70.99	11.28	13.55	2.83	1.03	.28	29.00
MAIL AND MESSAGE DISTRIBUTING	87584	60.44	17.57	12.74	8.32	.71	.19	39.55
MATERIAL RECORDING AND DISTRIBUTING CLERKS, N.E.C.	202928	64.95	9.39	19.50	5.16	.76	.20	35.04
ADJUSTERS AND INVESTIGATORS	78335	70.33	10.92	11.97	5.86	.71	.18	29.66
OTHER ADMINISTRATIVE SUPPORT	429106	65.15	10.41	15.71	7.74	.72	.24	34.84
SERVICES	1444204	61.93	9.97	21.08	5.80	.93	.25	38.06
PRIVATE HOUSEHOLDS	70886	45.03	12.65	35.95	5.10	.84	.40	54.96
PROTECTIVE SERVICES	167200	75.70	10.50	10.29	2.30	1.02	.15	24.29

TABLE 24 -1980 CENSUS DATA FOR CALIFORNIA
CIVILIAN LABOR FORCE 16 YEARS AND OVER BY RACE/ETHNICITY WITHIN OCCUPATION

PERCENT OF TOTAL CIVILIAN LABOR FORCE

OCCUPATION	TOTAL NUMBER	WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
SUPERVISORS, PROTECTIVE SERVICES	13971	85.46	6.07	6.30	1.13	.93	.08	14.53
FIREFIGHTING AND FIRE PREVENTION	26600	84.68	5.00	8.00	.97	1.19	.13	15.31
POLICE AND DETECTIVES	57313	78.74	7.13	11.37	1.69	.89	.16	21.25
GUARDS	69316	67.78	16.30	11.09	3.55	1.09	.17	32.21
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	1206118	61.02	9.74	21.70	6.33	.92	.26	38.97
SUPERVISORS, FOOD PREPARATION AND SERVICES	519829	65.01	5.47	20.67	7.71	.85	.26	34.98
HEALTH SERVICES	170484	60.57	15.57	16.48	5.98	1.11	.26	39.42
CLEANING AND BUILDING SERVICES	279156	49.03	15.25	28.90	5.52	.99	.27	50.96
PERSONAL SERVICES	236649	66.70	8.45	19.20	4.52	.85	.24	33.29
FARMING, FORESTRY AND FISHING	346916	44.47	2.56	45.99	5.85	.84	.26	55.52
FARM OPERATORS AND MANAGERS	54123	80.17	.82	11.05	7.30	.46	.17	19.82
FARM OCCUPATIONS, EXCEPT MANAGERIAL	170090	25.27	1.58	67.91	4.29	.65	.28	74.72
RELATED AGRICULTURAL OCCUPATIONS	106832	51.14	4.96	34.45	8.28	.86	.28	48.85
FORESTRY & LOGGING	9749	81.66	3.16	8.25	.70	6.00	.19	18.33
FISHERS, HUNTERS AND TRAPPERS	6122	86.52	2.30	7.59	2.58	.99	.00	13.47
PRECISSION PRODUCTION, CRAFT AND REPAIR	1414633	70.69	4.88	19.33	3.95	.91	.21	29.30
SUPERVISORS, MECHANICS AND REPAIRERS	18516	84.03	3.53	9.30	2.45	.62	.04	15.96
VEHICLE & MOBILE EQUIPMENT MECHANICS & REPAIRERS	185085	69.92	4.87	19.74	4.34	.91	.19	30.07
INDUSTRIAL MACHINERY REPAIRERS	29102	70.94	4.87	20.09	3.04	.81	.23	29.05
MACHINERY MAINTENANCE	3148	67.31	8.38	19.56	3.20	.98	.54	32.68
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	78436	75.21	5.82	13.84	4.14	.76	.19	24.78
HEATING, AIR CONDITIONING, REFRIGERATION MECHANICS	13292	78.71	4.04	14.30	2.48	.41	.03	21.28
OTHER MECHANICS AND REPAIRERS	76990	72.13	5.66	17.38	3.64	.89	.27	27.86
SUPERVISORS, CONSTRUCTION	93059	85.26	2.57	9.93	1.32	.80	.09	14.73
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	413241	74.20	4.51	18.19	1.83	1.04	.19	25.79
EXTRACTIVE OCCUPATIONS	10638	81.75	3.63	11.10	.46	2.65	.39	18.24
PRECISION PRODUCTION OCCUPATIONS	493126	63.41	5.43	23.73	6.31	.84	.25	36.58
OPERATORS, FABRICATORS AND LABORERS	1732992	52.29	7.74	33.82	4.91	.95	.25	47.70
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	841488	44.06	6.87	41.01	6.93	.82	.29	55.93
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	54532	48.89	6.24	39.78	3.99	.91	.17	51.10
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	20145	42.96	8.34	43.91	3.53	.84	.39	57.03
WOODWORKING MACHINE OPERATORS	11995	60.38	3.53	31.68	2.65	1.41	.32	39.61
PRINTING MACHINE OPERATORS	45121	69.86	5.79	18.83	4.41	.80	.29	30.13
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPERATORS	102853	22.04	5.85	55.02	16.33	.45	.28	77.95
MACHINE OPERATORS, ASSORTED MATERIALS	273658	43.43	6.83	43.80	4.79	.80	.31	56.56
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPATIONS	333184	46.55	7.49	37.75	6.97	.92	.28	53.44
TRANSPORTATION AND MATERIAL MOVING	891504	60.07	8.57	27.03	3.01	1.07	.22	39.92
MOTOR VEHICLE OPERATORS	306835	68.32	9.80	18.64	1.89	1.12	.21	31.67
RAIL TRANSPORTATION OCCUPATIONS	10277	80.24	8.66	9.18	1.01	.79	.09	19.75
WATER TRANSPORTATION OCCUPATIONS	6121	79.75	5.29	8.20	5.96	.65	.13	20.24
MATERIAL MOVING EQUIPMENT OPERATORS	96489	61.18	6.86	28.22	1.87	1.68	.17	38.81
HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	471782	53.78	8.17	32.87	3.97	.93	.24	46.21
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975	76185	45.36	18.36	29.07	5.88	.93	.37	54.63

TABLE 25 -1980 CENSUS DATA FOR CALIFORNIA
CIVILIAN LABOR FORCE 16 YEARS AND OVER BY RACE/ETHNICITY WITHIN OCCUPATION

PERCENT OF MALE CIVILIAN LABOR FORCE

OCCUPATION	TOTAL NUMBER	WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	6517698	69.83	5.93	18.21	5.05	.73	.21	30.16
MANAGERIAL AND PROFESSIONAL SPECIALTY	1663239	83.16	3.58	6.79	5.79	.47	.18	16.83
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	859198	83.45	3.45	7.42	5.02	.47	.17	16.54
EXECUTIVE, ADMINISTRATIVE	668928	84.41	3.16	7.28	4.49	.46	.17	15.58
MANAGEMENT RELATED	190270	80.05	4.45	7.93	6.86	.52	.17	19.94
PROFESSIONAL SPECIALTY	804041	82.86	3.72	6.11	6.62	.47	.19	17.13
ENGINEERS, ARCHITECTS, SURVEYORS	222770	81.85	2.13	4.99	10.43	.38	.20	18.14
MATHEMATICAL AND COMPUTER SCIENTISTS	60822	83.71	2.74	4.62	8.09	.44	.37	16.28
HEALTH DIAGNOSING	72154	85.61	2.77	3.13	8.19	.19	.08	14.38
HEALTH ASSESSMENT AND TREATING	27327	73.46	6.94	7.54	11.35	.47	.21	26.53
TEACHERS, POSTSECONDARY	45294	85.74	3.20	5.39	5.03	.34	.27	14.25
TEACHERS, EXCEPT POSTSECONDARY	112255	83.62	4.59	7.63	3.34	.65	.14	16.37
COUNSELORS, EDUCATIONAL AND VOCATIONAL	9967	69.82	11.68	13.67	3.66	1.07	.08	30.17
LIBRARIANS, ARCHIVISTS, CURATORS	4485	79.39	5.19	9.18	5.59	.42	.20	20.60
SOCIAL SCIENTISTS AND URBAN PLANNERS	17719	87.35	3.54	4.76	3.50	.46	.35	12.64
SOCIAL, RECREATION AND RELIGIOUS WORKERS	46765	74.08	9.35	10.63	5.13	.57	.21	25.91
LAWYERS AND JUDGES	55858	92.33	2.20	3.36	1.60	.32	.15	7.66
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	128625	82.58	4.19	8.09	4.30	.65	.16	17.41
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	1333400	75.47	6.25	11.14	6.33	.56	.21	24.52
TECHNICIANS AND RELATED SUPPORT	225563	76.34	4.84	8.67	9.28	.63	.21	23.65
HEALTH TECHNOLOGISTS AND TECHNICIANS	22792	66.64	10.32	10.88	10.74	.93	.46	33.35
ENGINEERING & RELATED TECHNOLOGISTS & TECHNICIANS	113688	74.45	4.63	10.26	9.78	.66	.19	25.54
TECHNICIANS, EXCEPT HEALTH, ENGINEERING & SCIENCE	89083	81.22	3.72	6.08	8.27	.51	.17	18.77
SALES	640868	82.27	3.89	8.83	4.32	.47	.19	17.72
SUPERVISORS AND PROPRIETORS	127843	81.12	3.04	8.65	6.50	.49	.18	18.87
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES	161999	87.60	3.31	5.23	3.31	.40	.13	12.39
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL	116646	87.94	2.50	6.49	2.49	.39	.15	12.05
SALES WORKERS, RETAIL AND PERSONAL SERVICES	233209	76.36	5.45	12.61	4.76	.55	.24	23.63
OTHER SALES RELATED	1171	83.26	3.92	9.39	3.07	.34	.00	16.73
ADMINISTRATIVE SUPPORT	466969	65.72	10.18	15.51	7.67	.66	.24	34.27
SUPERVISORS, ADMINISTRATIVE SUPPORT	60402	73.39	7.81	12.24	5.76	.58	.19	26.60
COMPUTER EQUIPMENT OPERATORS	20689	62.67	10.62	14.36	11.07	.92	.32	37.32
SECRETARIES, STENOGRAPHERS, TYPISTS	11803	69.27	10.01	12.40	7.13	1.03	.14	30.72
INFORMATION CLERKS	17461	69.53	9.40	14.08	6.17	.61	.18	30.46
RECORDS PROCESSING EXCEPT FINANCIAL	29108	63.40	10.78	16.57	8.31	.68	.24	36.59
FINANCIAL RECORDS PROCESSING	33438	67.96	7.18	10.96	12.92	.56	.39	32.03
DUPLICATING AND OTHER OFFICE MACHINE OPERATORS	2685	54.74	14.93	16.53	12.40	.22	1.15	45.25
COMMUNICATIONS EQUIPMENT OPERATORS	5406	63.52	13.46	18.09	4.06	.64	.20	36.47
MAIL AND MESSAGE DISTRIBUTING	59171	61.70	14.69	13.53	9.20	.66	.19	38.29
MATERIAL RECORDING AND DISTRIBUTING CLERKS, N.E.C.	126947	62.72	9.61	21.24	5.52	.66	.23	37.27
ADJUSTERS AND INVESTIGATORS	26724	76.47	8.23	9.63	4.83	.56	.25	23.52
OTHER ADMINISTRATIVE SUPPORT	73135	63.75	10.98	14.61	9.70	.70	.23	36.24
SERVICES	653191	58.72	10.19	23.36	6.58	.85	.27	41.27
PRIVATE HOUSEHOLDS	4881	51.89	12.25	25.56	8.68	1.14	.45	48.10
PROTECTIVE SERVICES	147932	76.52	9.91	10.14	2.30	.96	.14	23.47

TABLE 25 -1980 CENSUS DATA FOR CALIFORNIA
CIVILIAN LABOR FORCE 16 YEARS AND OVER BY RACE/ETHNICITY WITHIN OCCUPATION

PERCENT OF MALE CIVILIAN LABOR FORCE

OCCUPATION	TOTAL NUMBER	WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
SUPERVISORS, PROTECTIVE SERVICES	13285	86.42	5.48	6.01	1.18	.79	.09	13.57
FIREFIGHTING AND FIRE PREVENTION	25812	84.72	5.08	7.90	.99	1.13	.14	15.27
POLICE AND DETECTIVES	51555	79.70	6.26	11.30	1.71	.87	.13	20.29
GUARDS	57280	67.66	16.40	11.07	3.68	1.00	.16	32.33
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	500378	53.52	10.26	27.24	7.83	.81	.31	46.47
SUPERVISORS, FOOD PREPARATION AND SERVICES	229381	53.03	5.95	29.35	10.67	.65	.32	46.96
HEALTH SERVICES	23146	57.57	16.76	17.06	7.38	.94	.27	42.42
CLEANING AND BUILDING SERVICES	195438	51.09	14.85	27.78	5.03	.93	.28	48.90
PERSONAL SERVICES	52413	62.96	9.13	20.50	5.97	1.02	.39	37.03
FARMING, FORESTRY AND FISHING	282355	45.67	2.72	44.55	5.93	.85	.25	54.32
FARM OPERATORS AND MANAGERS	47404	80.52	.61	11.19	7.11	.35	.19	19.47
FARM OCCUPATIONS, EXCEPT MANAGERIAL	132768	26.55	1.61	66.89	3.92	.72	.28	73.44
RELATED AGRICULTURAL OCCUPATIONS	87652	49.46	5.53	34.80	9.10	.83	.25	50.53
FORESTRY & LOGGING	8818	81.88	3.01	8.66	.56	5.64	.21	18.11
FISHERS, HUNTERS AND TRAPPERS	5713	86.64	2.46	7.28	2.53	1.06	.00	13.35
PRECISSION PRODUCTION, CRAFT AND REPAIR	1273131	72.28	4.69	18.57	3.33	.90	.20	27.71
SUPERVISORS, MECHANICS AND REPAIRERS	17738	84.55	3.13	9.29	2.38	.58	.04	15.44
VEHICLE & MOBILE EQUIPMENT MECHANICS & REPAIRERS	181941	69.96	4.74	19.81	4.36	.91	.19	30.03
INDUSTRIAL MACHINERY REPAIRERS	28119	71.22	4.76	19.91	3.05	.79	.23	28.77
MACHINERY MAINTENANCE	2989	68.18	8.59	18.73	3.04	1.03	.40	31.81
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	70131	75.93	5.32	13.75	4.03	.73	.21	24.06
HEATING, AIR CONDITIONING, REFRIGERATION MECHANICS	13139	78.71	3.97	14.38	2.47	.41	.03	21.28
OTHER MECHANICS AND REPAIRERS	73155	72.46	5.59	17.25	3.52	.87	.28	27.53
SUPERVISORS, CONSTRUCTION	91062	85.26	2.56	9.99	1.30	.78	.09	14.73
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	403875	74.29	4.44	18.22	1.80	1.02	.19	25.70
EXTRACTIVE OCCUPATIONS	10356	82.10	3.62	10.95	.38	2.52	.40	17.89
PRECISION PRODUCTION OCCUPATIONS	380626	66.49	5.25	22.23	4.95	.82	.23	33.50
OPERATORS, FABRICATORS AND LABORERS	1278408	55.87	8.04	31.37	3.48	.97	.24	44.12
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	514035	48.14	7.05	39.15	4.50	.85	.29	51.85
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	46117	49.03	6.11	39.88	3.91	.85	.20	50.96
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	16735	42.09	8.20	45.15	3.41	.74	.38	57.90
WOODWORKING MACHINE OPERATORS	10862	61.33	3.71	31.03	2.18	1.46	.27	38.66
PRINTING MACHINE OPERATORS	33397	68.58	6.20	19.60	4.63	.78	.18	31.41
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPERATORS	24560	31.64	7.38	53.51	6.46	.63	.34	68.35
MACHINE OPERATORS, ASSORTED MATERIALS	191272	44.35	7.17	43.20	4.19	.73	.32	55.64
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPATIONS	191092	50.05	7.35	36.41	4.91	.98	.27	49.94
TRANSPORTATION AND MATERIAL MOVING	764373	61.08	8.70	26.14	2.79	1.06	.21	38.91
MOTOR VEHICLE OPERATORS	278777	67.73	9.61	19.43	1.96	1.04	.21	32.26
RAIL TRANSPORTATION OCCUPATIONS	9984	80.44	8.55	9.17	.95	.77	.10	19.55
WATER TRANSPORTATION OCCUPATIONS	6006	79.62	5.39	8.10	6.07	.66	.13	20.37
MATERIAL MOVING EQUIPMENT OPERATORS	91502	61.46	6.85	28.06	1.74	1.68	.18	38.53
HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	378104	55.27	8.54	31.35	3.64	.93	.23	44.72
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975	33974	43.86	20.09	28.81	5.89	.97	.35	56.13

TABLE 26 -1980 CENSUS DATA FOR CALIFORNIA
CIVILIAN LABOR FORCE 16 YEARS AND OVER BY RACE/ETHNICITY WITHIN OCCUPATION

PERCENT OF FEMALE CIVILIAN LABOR FORCE

OCCUPATION	TOTAL NUMBER	WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	4868377	69.61	7.47	15.93	5.99	.77	.21	30.38
MANAGERIAL AND PROFESSIONAL SPECIALTY	1081680	79.92	6.12	7.40	5.73	.64	.17	20.07
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	450697	80.23	5.66	7.87	5.35	.70	.16	19.76
EXECUTIVE, ADMINISTRATIVE	296071	82.24	5.02	7.55	4.28	.72	.16	17.75
MANAGEMENT RELATED	154626	76.37	6.88	8.49	7.40	.66	.17	23.62
PROFESSIONAL SPECIALTY	630983	79.69	6.44	7.05	6.01	.60	.18	20.30
ENGINEERS, ARCHITECTS, SURVEYORS	14093	77.71	4.98	6.86	9.71	.53	.17	22.28
MATHEMATICAL AND COMPUTER SCIENTISTS	20118	76.46	5.09	5.55	12.05	.61	.22	23.53
HEALTH DIAGNOSING	10357	72.35	4.52	6.78	15.69	.19	.43	27.64
HEALTH ASSESSMENT AND TREATING	149680	77.11	6.68	5.49	9.84	.62	.23	22.88
TEACHERS, POSTSECONDARY	26084	83.72	4.11	6.60	4.88	.54	.11	16.27
TEACHERS, EXCEPT POSTSECONDARY	238626	80.56	6.95	7.81	3.95	.58	.13	19.43
COUNSELORS, EDUCATIONAL AND VOCATIONAL	11802	70.73	12.93	10.73	4.28	1.21	.09	29.26
LIBRARIANS, ARCHIVISTS, CURATORS	13631	85.54	4.35	4.68	4.88	.29	.24	14.45
SOCIAL SCIENTISTS AND URBAN PLANNERS	11848	85.41	5.94	4.71	3.02	.46	.43	14.58
SOCIAL, RECREATION AND RELIGIOUS WORKERS	38191	69.43	12.78	12.43	4.19	.89	.25	30.56
LAWYERS AND JUDGES	11412	85.02	5.49	4.67	4.04	.49	.25	14.97
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	85141	85.96	2.93	6.33	4.09	.54	.13	14.03
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	2292826	74.00	7.46	12.02	5.60	.70	.19	25.99
TECHNICIANS AND RELATED SUPPORT	140416	70.76	9.25	9.06	9.89	.81	.20	29.23
HEALTH TECHNOLOGISTS AND TECHNICIANS	73874	68.06	12.37	8.59	9.81	.91	.22	31.93
ENGINEERING & RELATED TECHNOLOGISTS & TECHNICIANS	29819	70.60	5.58	12.51	10.57	.56	.15	29.39
TECHNICIANS, EXCEPT HEALTH, ENGINEERING & SCIENCE	36723	76.30	5.97	7.20	9.49	.80	.21	23.69
SALES	568975	78.69	4.82	11.11	4.52	.64	.18	21.30
SUPERVISORS AND PROPRIETORS	54312	81.93	3.40	8.43	5.38	.65	.19	18.06
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES	102193	86.99	3.57	5.17	3.50	.60	.14	13.00
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL	27478	82.65	3.76	8.91	3.72	.73	.21	17.34
SALES WORKERS, RETAIL AND PERSONAL SERVICES	383131	75.70	5.43	13.26	4.74	.65	.19	24.29
OTHER SALES RELATED	1861	87.10	4.72	5.37	1.98	.37	.42	12.89
ADMINISTRATIVE SUPPORT	1583435	72.60	8.24	12.61	5.61	.72	.19	27.39
SUPERVISORS, ADMINISTRATIVE SUPPORT	71649	75.52	8.54	10.22	4.97	.62	.10	24.47
COMPUTER EQUIPMENT OPERATORS	29998	66.97	11.82	12.04	8.11	.70	.33	33.02
SECRETARIES, STENOGRAPHERS, TYPISTS	487510	77.02	6.43	11.18	4.51	.64	.19	22.97
INFORMATION CLERKS	100244	73.95	7.57	13.36	4.05	.84	.20	26.04
RECORDS PROCESSING EXCEPT FINANCIAL	95529	67.64	9.91	15.30	6.22	.76	.14	32.35
FINANCIAL RECORDS PROCESSING	241792	79.84	4.53	8.72	6.08	.65	.15	20.15
DUPLICATING AND OTHER OFFICE MACHINE OPERATORS	4446	64.19	12.30	14.23	7.21	1.52	.51	35.80
COMMUNICATIONS EQUIPMENT OPERATORS	40299	72.00	10.99	12.94	2.67	1.09	.30	27.99
MAIL AND MESSAGE DISTRIBUTING	28413	57.81	23.56	11.10	6.49	.82	.20	42.18
MATERIAL RECORDING AND DISTRIBUTING CLERKS, N.E.C.	75981	68.68	9.03	16.60	4.57	.93	.16	31.31
ADJUSTERS AND INVESTIGATORS	51611	67.16	12.31	13.18	6.39	.80	.14	32.83
OTHER ADMINISTRATIVE SUPPORT	355971	65.43	10.29	15.94	7.34	.73	.24	34.56
SERVICES	791013	64.59	9.79	19.19	5.16	1.00	.24	35.40
PRIVATE HOUSEHOLDS	66005	44.52	12.68	36.72	4.84	.81	.40	55.47
PROTECTIVE SERVICES	19268	69.43	15.04	11.46	2.27	1.53	.24	30.56

TABLE 26 -1980 CENSUS DATA FOR CALIFORNIA
CIVILIAN LABOR FORCE 16 YEARS AND OVER BY RACE/ETHNICITY WITHIN OCCUPATION

PERCENT OF FEMALE CIVILIAN LABOR FORCE

OCCUPATION	TOTAL NUMBER	WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
SUPERVISORS, PROTECTIVE SERVICES	686	66.90	17.49	11.95	.00	3.64	.00	33.09
FIREFIGHTING AND FIRE PREVENTION	788	83.12	2.41	11.29	.25	2.91	.00	16.87
POLICE AND DETECTIVES	5758	70.14	14.84	12.01	1.51	1.05	.41	29.85
GUARDS	12036	68.34	15.82	11.18	2.89	1.55	.19	31.65
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	705740	66.33	9.38	17.76	5.27	1.00	.22	33.66
SUPERVISORS, FOOD PREPARATION AND SERVICES	290448	74.48	5.08	13.82	5.36	1.01	.21	25.51
HEALTH SERVICES	147338	61.05	15.38	16.39	5.76	1.14	.25	38.94
CLEANING AND BUILDING SERVICES	83718	44.22	16.19	31.52	6.67	1.14	.23	55.77
PERSONAL SERVICES	184236	67.77	8.26	18.83	4.11	.80	.20	32.22
FARMING, FORESTRY AND FISHING	64561	39.22	1.86	52.30	5.51	.78	.31	60.77
FARM OPERATORS AND MANAGERS	6719	77.71	2.30	10.07	8.64	1.17	.07	22.28
FARM OCCUPATIONS, EXCEPT MANAGERIAL	37322	20.70	1.48	71.53	5.58	.39	.28	79.29
RELATED AGRICULTURAL OCCUPATIONS	19180	58.82	2.34	32.84	4.50	1.00	.46	41.17
FORESTRY & LOGGING	931	79.59	4.61	4.40	2.04	9.34	.00	20.40
FISHERS, HUNTERS AND TRAPPERS	409	84.84	.00	11.98	3.17	.00	.00	15.15
PRECISSION PRODUCTION, CRAFT AND REPAIR	141502	56.44	6.56	26.17	9.53	1.02	.26	43.55
SUPERVISORS, MECHANICS AND REPAIRERS	778	72.10	12.72	9.64	3.98	1.54	.00	27.89
VEHICLE & MOBILE EQUIPMENT MECHANICS & REPAIRERS	3144	67.68	12.27	15.52	3.53	.76	.22	32.31
INDUSTRIAL MACHINERY REPAIRERS	983	62.86	8.03	25.02	2.74	1.32	.00	37.13
MACHINERY MAINTENANCE	159	50.94	4.40	35.22	6.28	.00	3.14	49.05
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	8305	69.16	10.09	14.64	5.06	.96	.07	30.83
HEATING, AIR CONDITIONING, REFRIGERATION MECHANICS	153	79.08	10.45	7.18	3.26	.00	.00	20.91
OTHER MECHANICS AND REPAIRERS	3835	65.86	7.09	19.79	6.02	1.22	.00	34.13
SUPERVISORS, CONSTRUCTION	1997	85.32	3.10	7.56	2.45	1.55	.00	14.67
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	9366	70.15	7.52	17.00	3.21	1.96	.12	29.84
EXTRACTIVE OCCUPATIONS	282	68.79	4.25	16.31	3.19	7.44	.00	31.20
PRECISION PRODUCTION OCCUPATIONS	112500	52.99	6.05	28.79	10.92	.92	.30	47.00
OPERATORS, FABRICATORS AND LABORERS	454584	42.22	6.92	40.70	8.96	.89	.27	57.77
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	327453	37.64	6.58	43.93	10.74	.78	.29	62.35
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	8415	48.16	6.99	39.18	4.43	1.22	.00	51.83
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	3410	47.24	9.03	37.80	4.13	1.34	.43	52.75
WOODWORKING MACHINE OPERATORS	1133	51.27	1.85	37.95	7.14	.97	.79	48.72
PRINTING MACHINE OPERATORS	11724	73.49	4.63	16.65	3.77	.85	.58	26.50
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPERATORS	78293	19.03	5.36	55.50	19.43	.39	.26	80.96
MACHINE OPERATORS, ASSORTED MATERIALS	82386	41.31	6.04	45.18	6.19	.97	.28	58.68
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPATIONS	142092	41.86	7.68	39.56	9.74	.84	.30	58.13
TRANSPORTATION AND MATERIAL MOVING	127131	54.02	7.81	32.38	4.35	1.17	.23	45.97
MOTOR VEHICLE OPERATORS	28058	74.20	11.72	10.85	1.14	1.87	.19	25.79
RAIL TRANSPORTATION OCCUPATIONS	293	73.37	12.28	9.55	3.07	1.70	.00	26.62
WATER TRANSPORTATION OCCUPATIONS	115	86.95	.00	13.04	.00	.00	.00	13.04
MATERIAL MOVING EQUIPMENT OPERATORS	4987	56.00	6.97	31.08	4.25	1.68	.00	43.99
HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	93678	47.77	6.68	39.00	5.33	.94	.26	52.22
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975	42211	46.57	16.97	29.28	5.87	.90	.38	53.42

EXPLANATION OF TERMS AND CONCEPTS

EXPLANATION OF TERMS AND CONCEPTS

NOTE: For definitions of terms in Social and Economic Data Section see Glossary at the beginning of that section.

Civilian Labor Force: The sum of total civilian employment and unemployment.

Total Civilian Employment: The sum of wage and salary employment, private household, self-employed, and unpaid family workers, and those on trade disputes; adjusted to eliminate double counting of persons holding more than one job and to a place of residence basis.

Employed persons comprise (a) all civilians who during the survey week did any work at all as paid employees, or in their own business or profession or on their own farm, or who worked 15 hours or more as unpaid workers in a family enterprise; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, personal reasons, whether or not they were paid for the time off.

Total Unemployment: The sum of persons receiving unemployment insurance benefits, persons who have exhausted their unemployment insurance benefits and are still unemployed, persons who have delayed filing for benefits but who are not working, unemployed persons who applied for benefits but were not qualified to receive them, workers separated from industries not covered by unemployment insurance, and unemployed persons newly entering or re-entering the labor force.

Unemployed persons comprise all civilians who did not work during the survey week, who made specific efforts to find a job within the past four weeks, and who were available for work (except for temporary illness) during the survey week. Also included as unemployed are those who did not work at all, but were available for work and (a) were waiting to be recalled to a job from which they had been laid off for a specific time; or (b) had a new job to go to within thirty days.

Unemployment Rate: Total unemployment divided by total civilian labor force and expressed as a percentage is referred to as the "unadjusted unemployment rate."

A "seasonally adjusted unemployment rate" is computed for the State. The seasonal adjustment eliminates the influence of regularly recurring seasonal fluctuations which can be ascribed to weather, crop-growing cycles, holidays, vacations, regular industry model changeover periods, etc., and therefore more clearly shows the underlying basic trend of unemployment.

Wage and Salary Employment: The sum of persons on establishment payrolls who receive pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid volunteer or family workers, and domestic workers in households.

Labor Market Area: An economically integrated geographic unit that consists of a central city or cities, and the surrounding territory within normal commuting distance. It typically includes one or more counties. This term is synonymous with the term "SMSA" in the areas designated as SMSA's.

Standard Metropolitan Statistical Areas (SMSA) is a term applied by the U.S. Bureau of the Budget to counties or aggregations of counties that have one or more central core cities and that meet specified criteria of population, population density, commute patterns, and social and economic integration.

Current Population Survey (CPS): A monthly household survey of a sample of the civilian noninstitutional population of the United States. The survey provides monthly statistics on employment, unemployment and related subjects which are analyzed and published by the Bureau of Labor Statistics.

Dictionary of Occupational Titles (DOT): A system of occupational classification which is published by the U.S. Department of Labor. It presents a numerical classification structure by means of which occupations are arranged according to job content, tasks or activities performed, and inter-relationships with other occupations.

1970 Census Occupational Classification: A system of occupational classification developed by the Bureau of the Census for the 1970 Census of Population. This system is used when projections of employment by occupation are made.

Expanded definitions of these and other labor market terms can be found in the Glossary of Labor Market Terminology, available from the Employment Development Department, Employment Data and Research Division.